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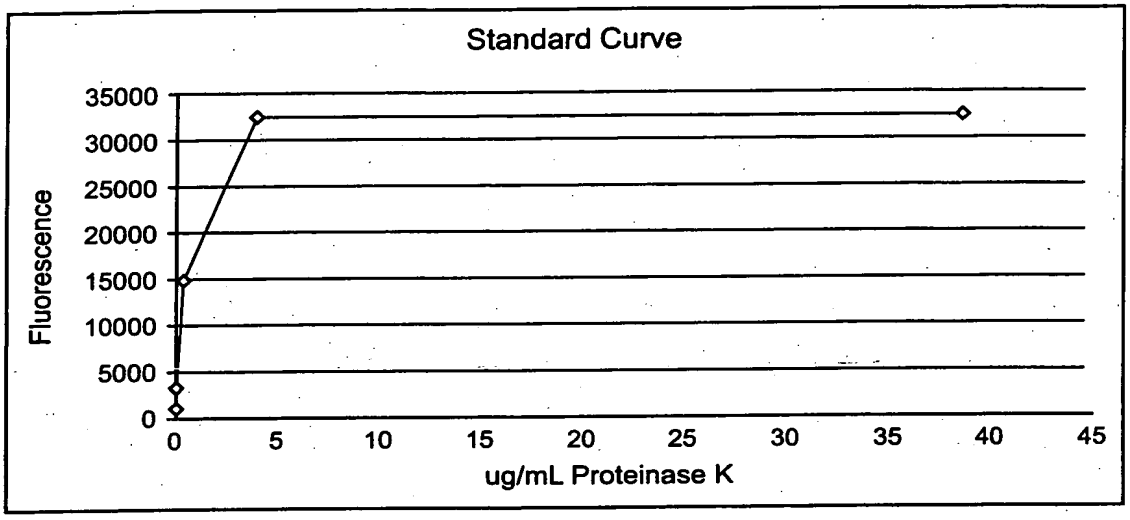


Figure 1

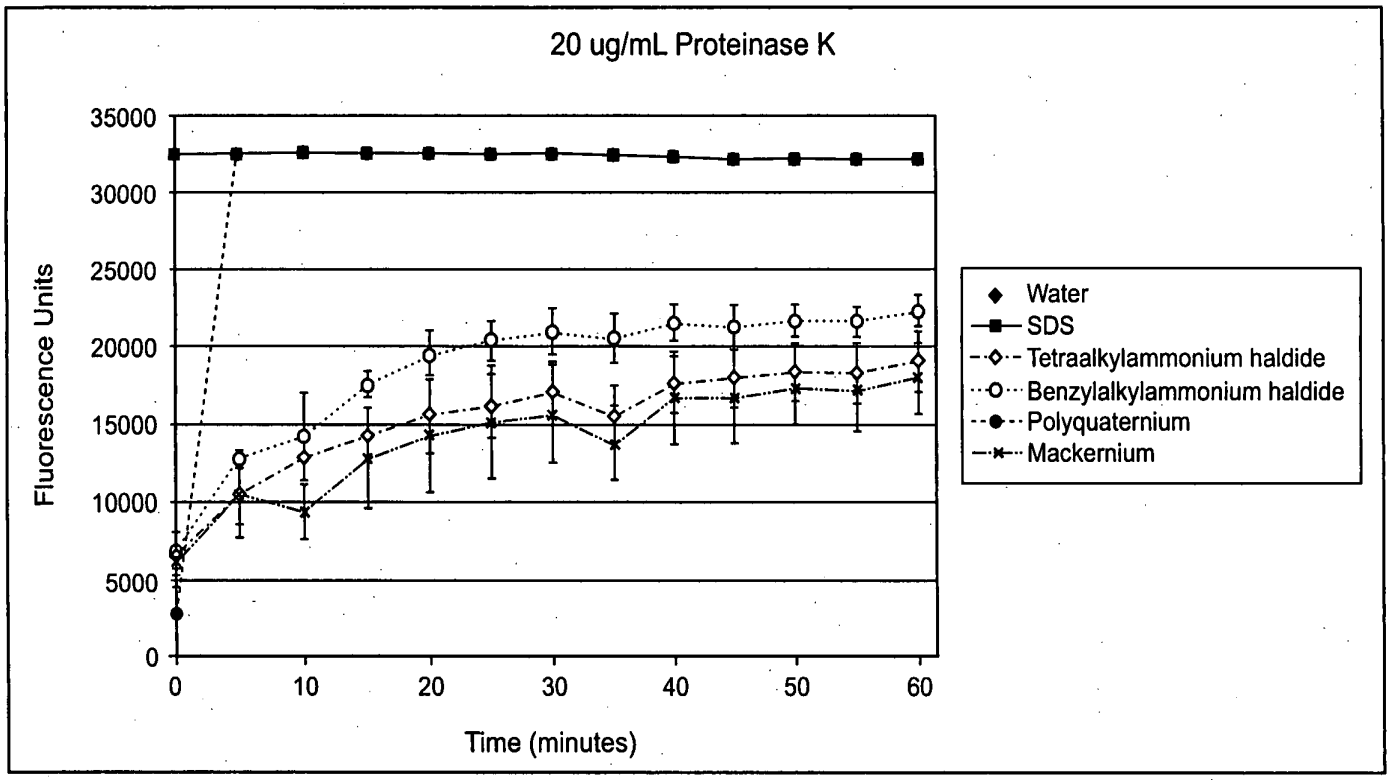


Figure 2A

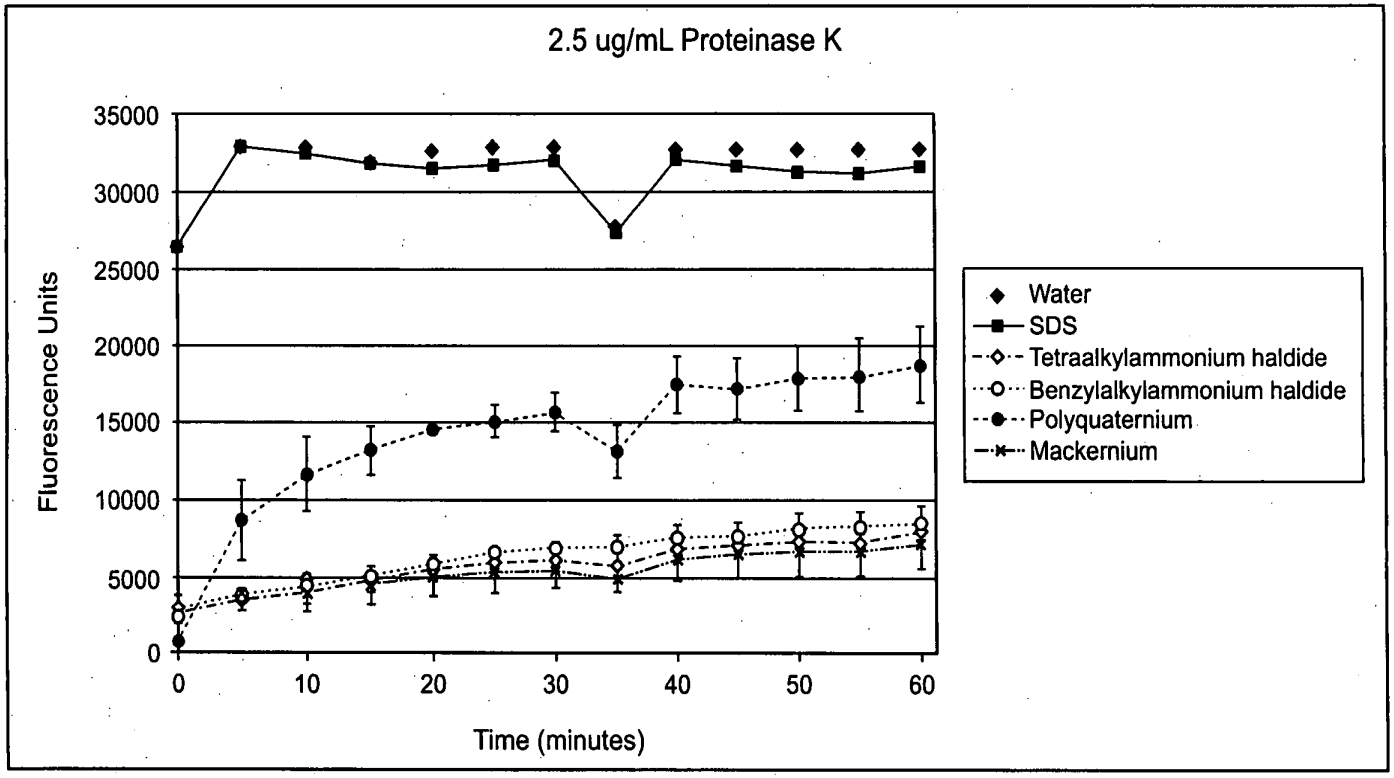


Figure 2B

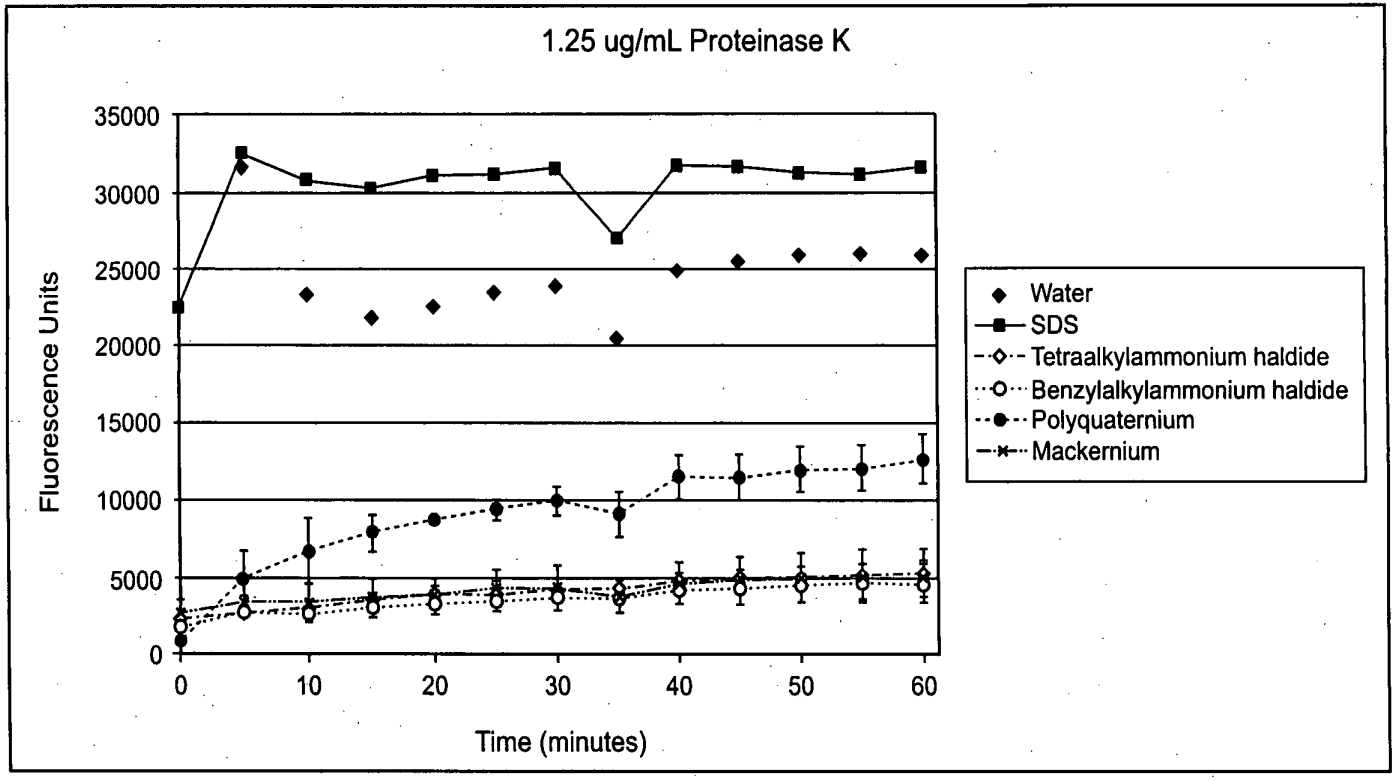
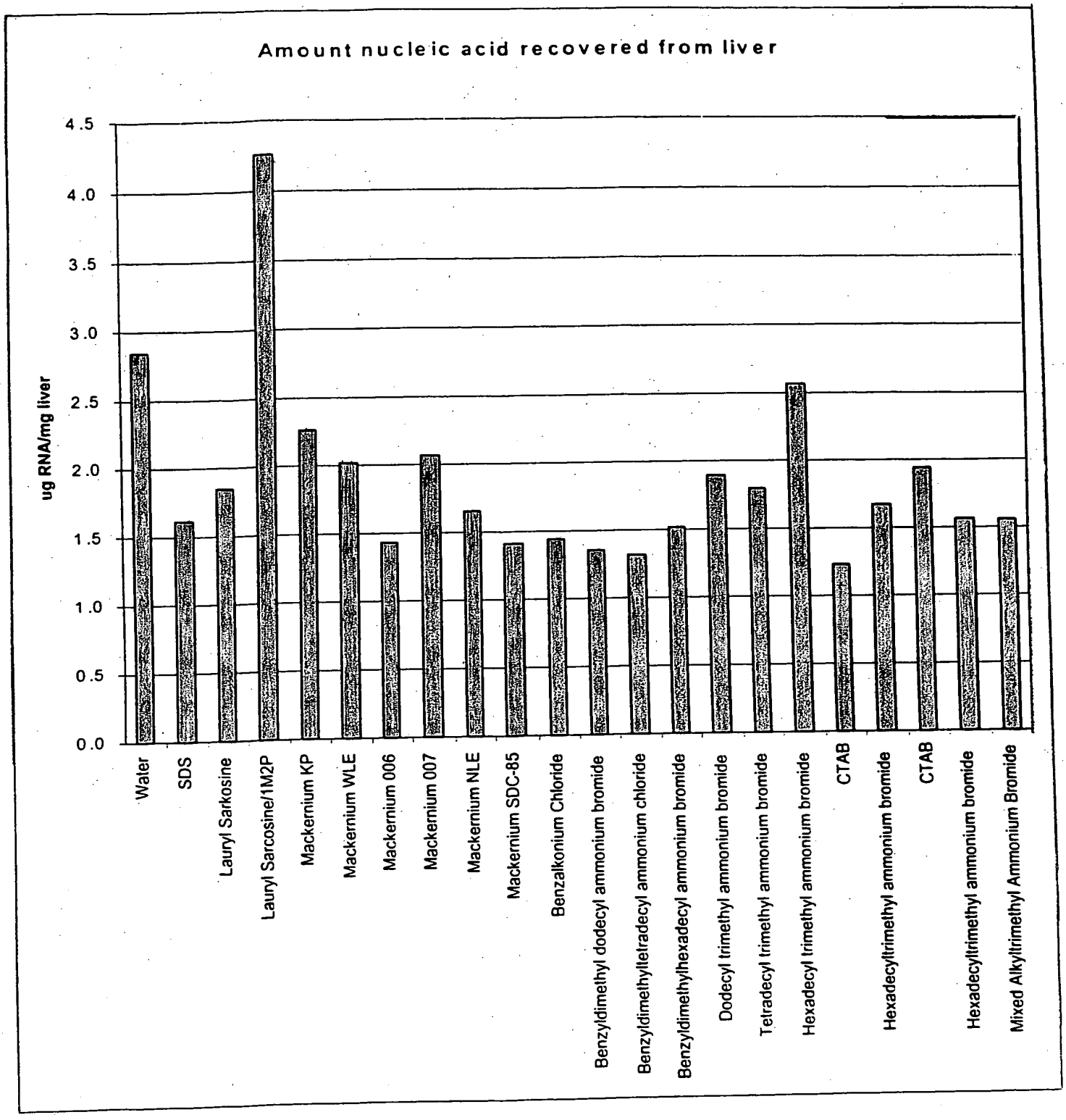


Figure 2C



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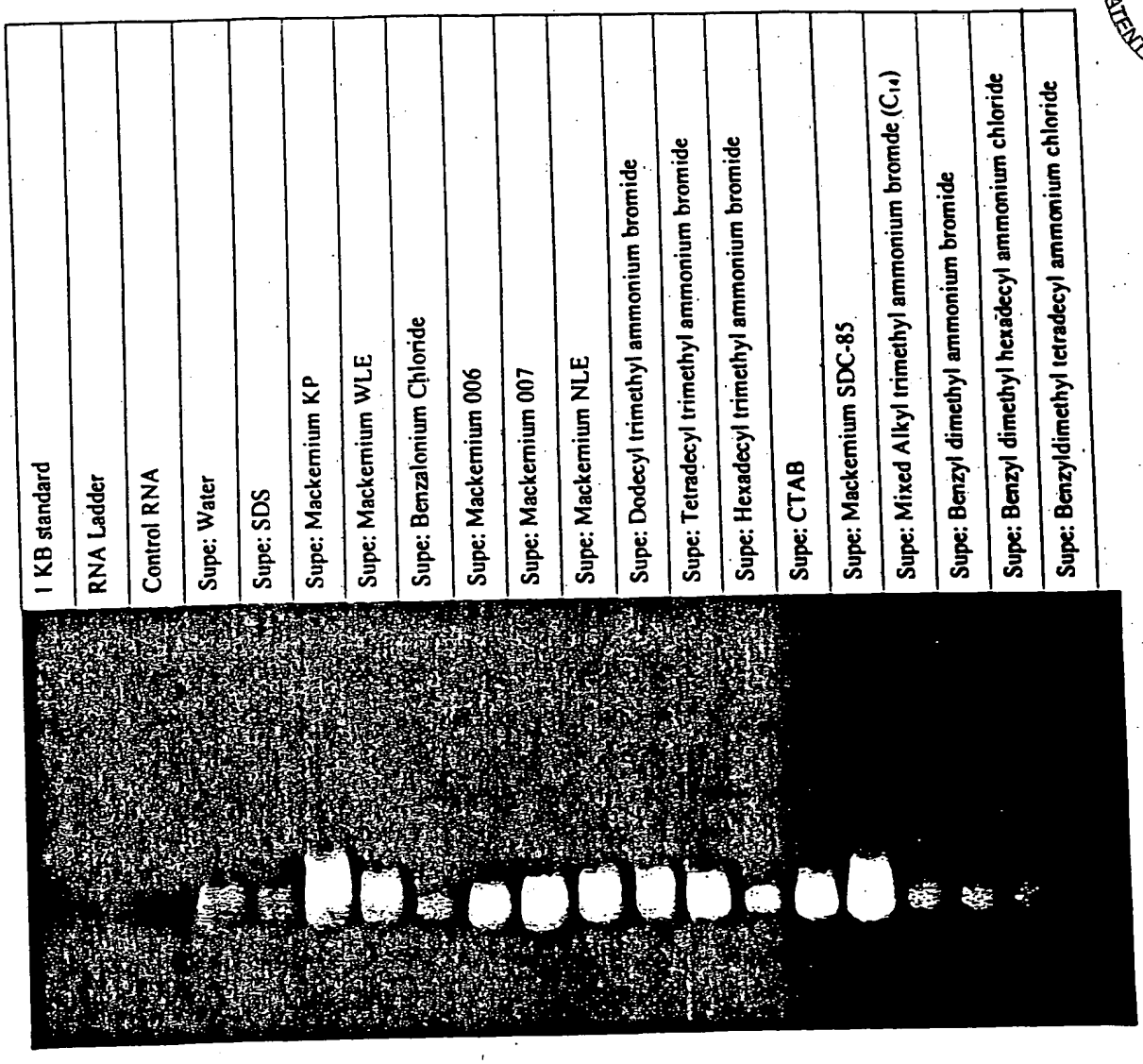
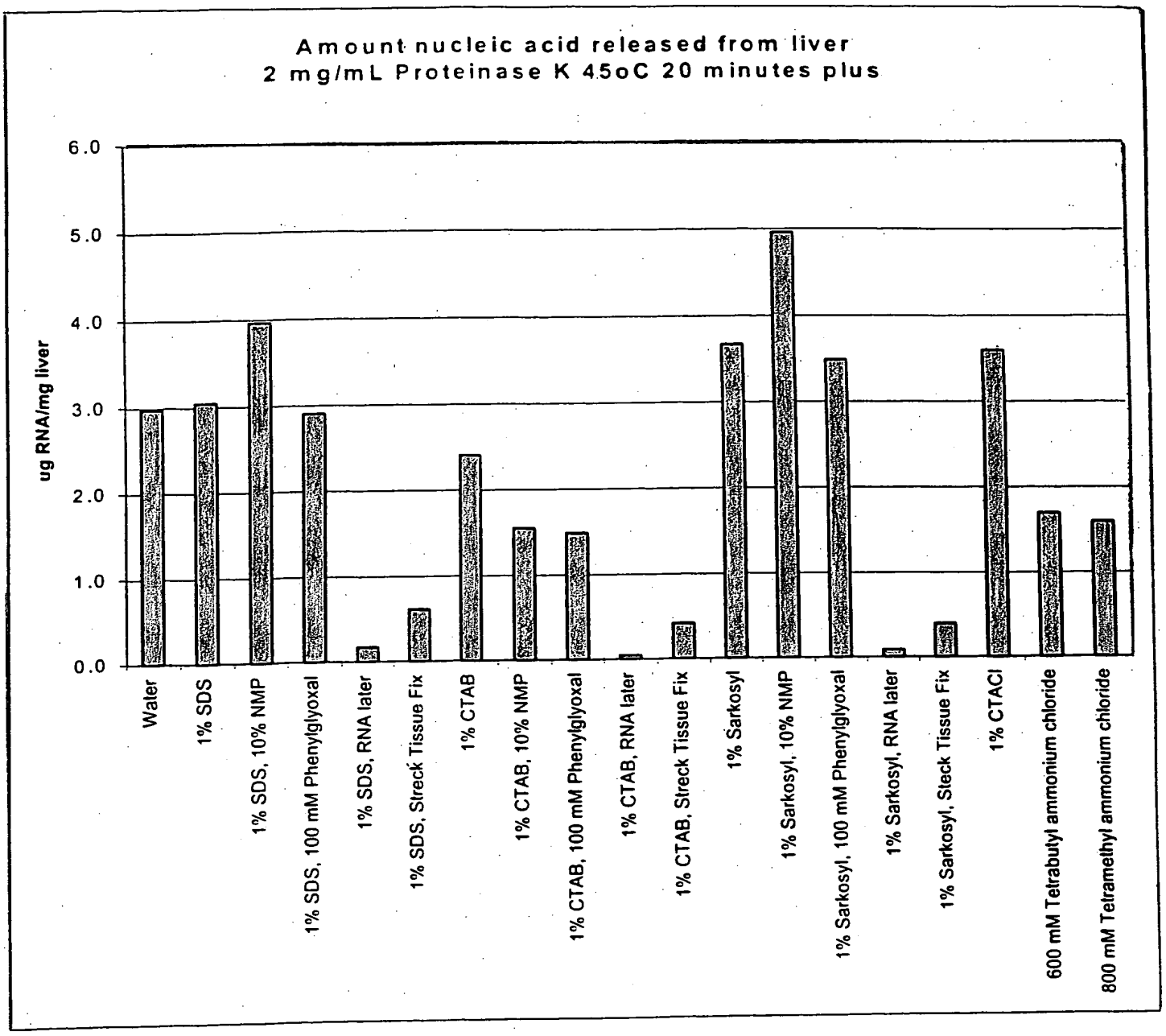


Figure 4A

Figure 4B



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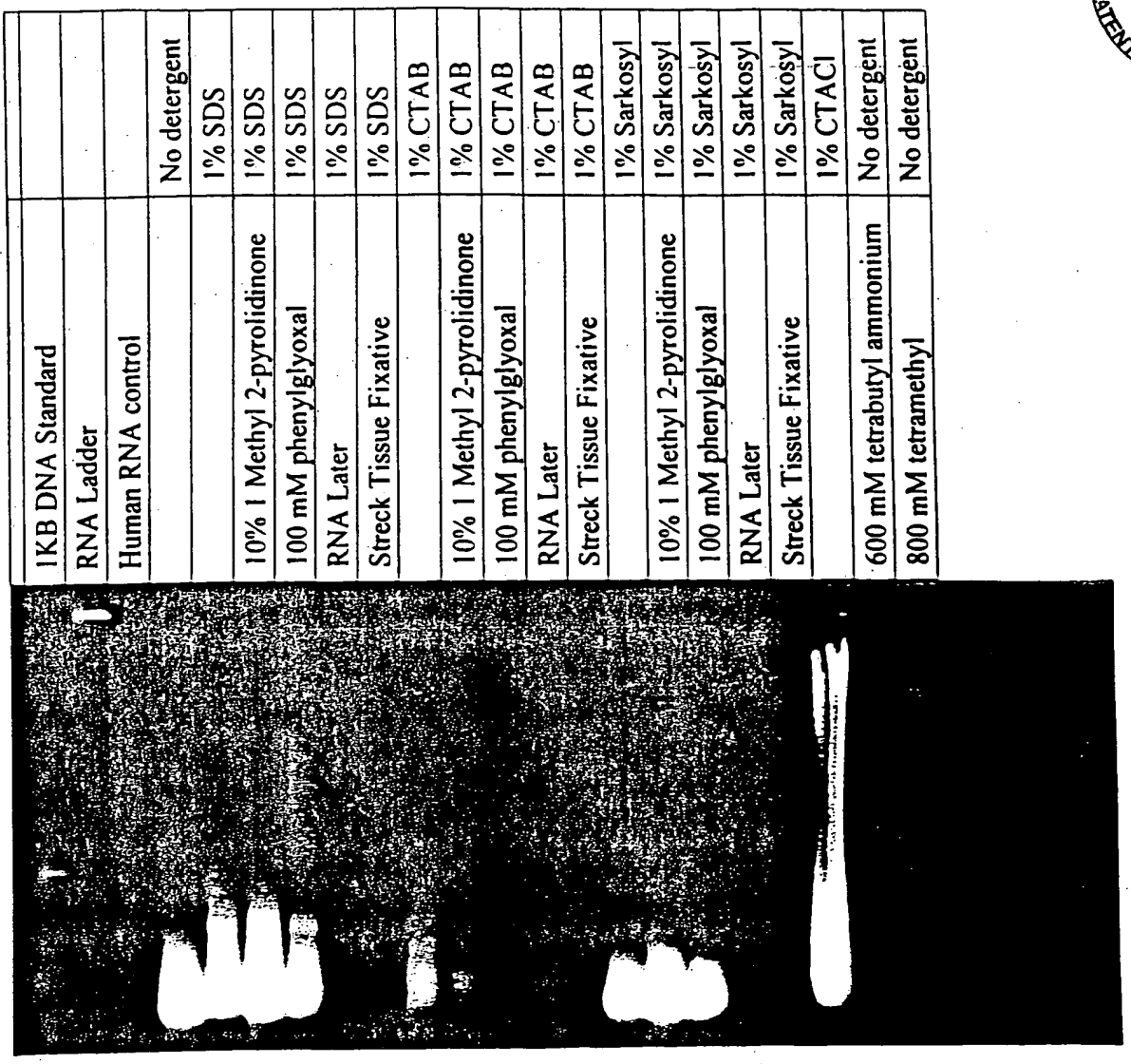
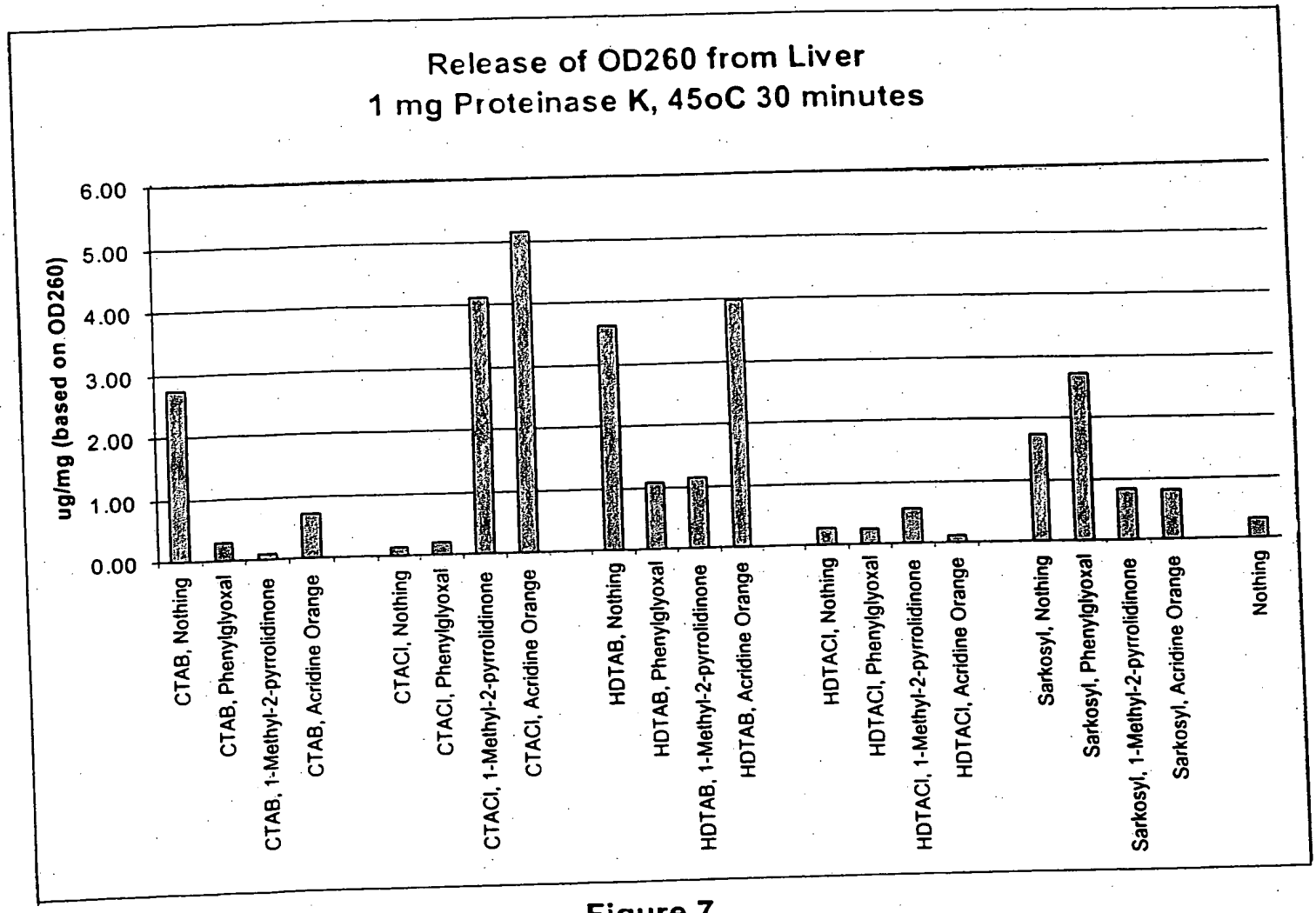


Figure 6



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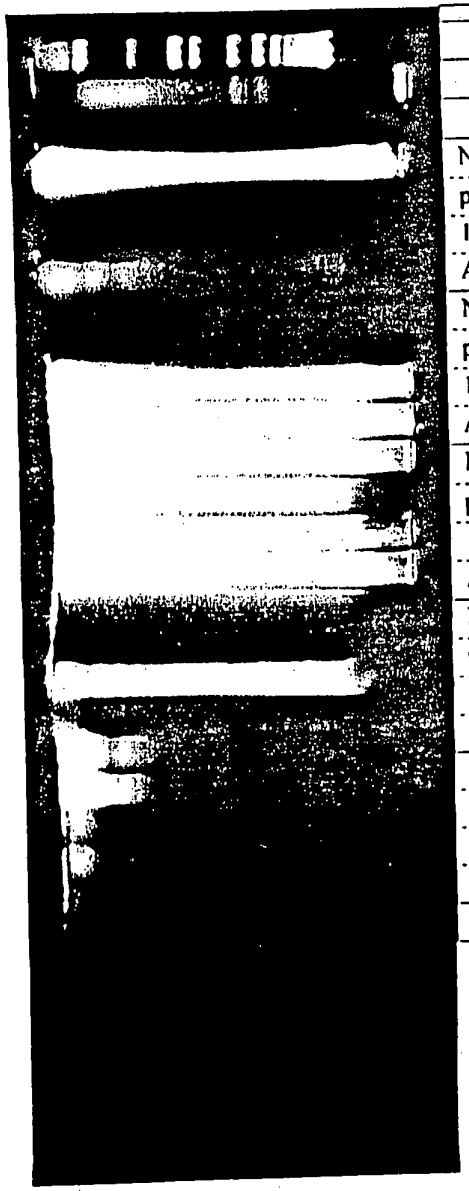


None	Cetyltrimethylammonium bromide
phenylglyoxal	Cetyltrimethylammonium bromide
1-methyl-2-pyrorolidinone	Cetyltrimethylammonium bromide
Acridine Orange	Cetyltrimethylammonium bromide
None	Cetyltrimethylammonium chloride
phenylglyoxal	Cetyltrimethylammonium chloride
1-methyl-2-pyrorolidinone	Cetyltrimethylammonium chloride
Acridine Orange	Cetyltrimethylammonium chloride
None	Hexadecyltrimethlammonium bromide
phenylglyoxal	Hexadecyltrimethlammonium bromide
1-methyl-2-pyrorolidinone	Hexadecyltrimethlammonium bromide
Acridine Orange	Hexadecyltrimethlammonium bromide
None	Hexadecyltrimethlammonium chloride
phenylglyoxal	Hexadecyltrimethlammonium chloride
1-methyl-2-pyrorolidinone	Hexadecyltrimethlammonium chloride
Acridine Orange	Hexadecyltrimethlammonium chloride
None	Sarkosyl
phenylglyoxal	Sarkosyl
1-methyl-2-pyrorolidinone	Sarkosyl
Acridine Orange	Sarkosyl
	No detergent

Figure 8

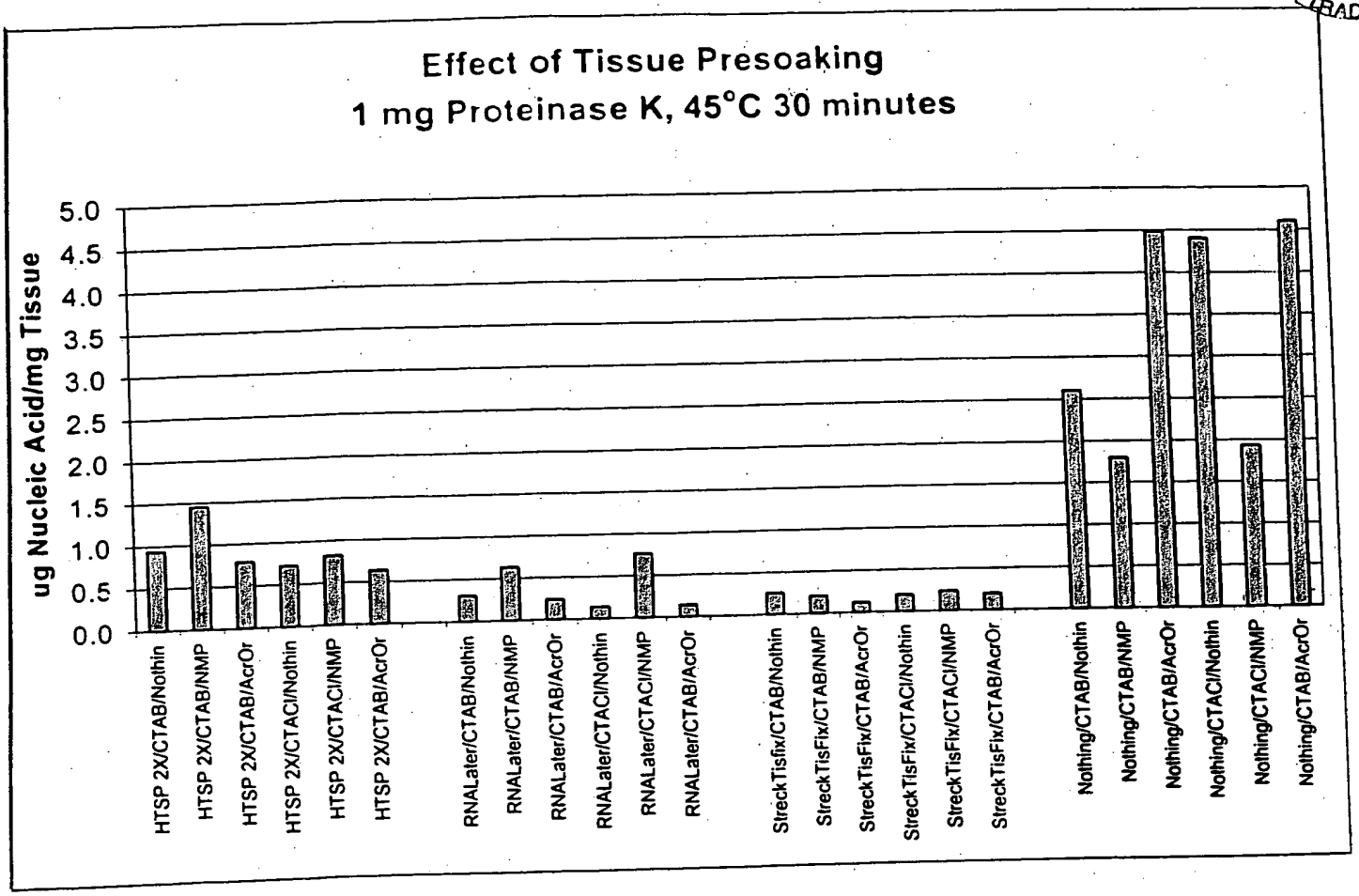


Figure 9

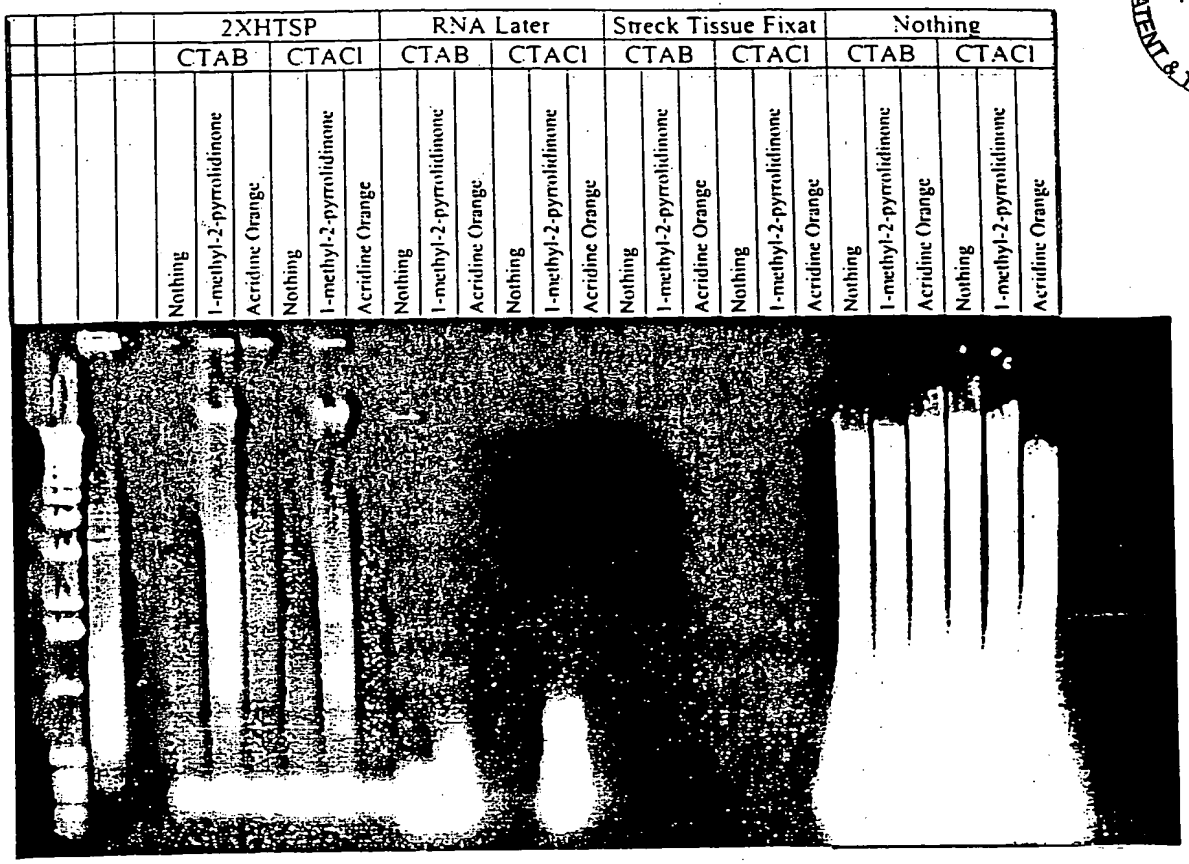


Figure 10

1% CTAB	1% CTACl	1% SDS
5 mM Aurintricarboyxlic Acid	5 mM Aurintricarboyxlic Acid	5 mM Aurintricarboyxlic Acid
2 mM Aurintricarboxylic Acid	2 mM Aurintricarboxylic Acid	2 mM Aurintricarboxylic Acid
1 mM Aurintricarboyxlic Acid	1 mM Aurintricarboyxlic Acid	1 mM Aurintricarboyxlic Acid
0.5 mM Aurintricarboyxlic Acid	0.5 mM Aurintricarboyxlic Acid	0.5 mM Aurintricarboyxlic Acid
0.2 mM Aurintricarboyxlic Acid	0.2 mM Aurintricarboyxlic Acid	0.2 mM Aurintricarboyxlic Acid
0.1 mM Aurintricarboyxlic Acid	0.1 mM Aurintricarboyxlic Acid	0.1 mM Aurintricarboyxlic Acid

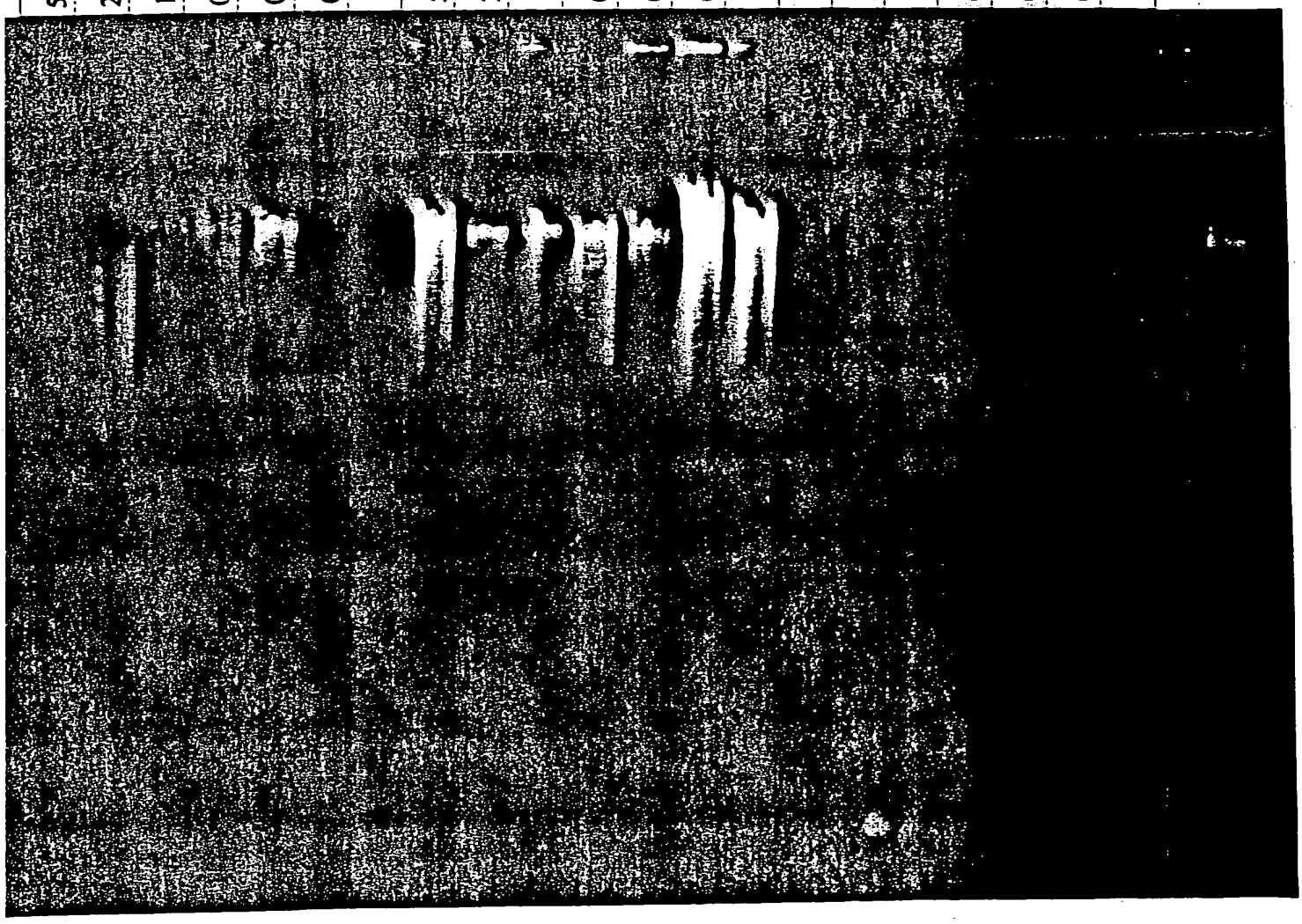


Figure 11

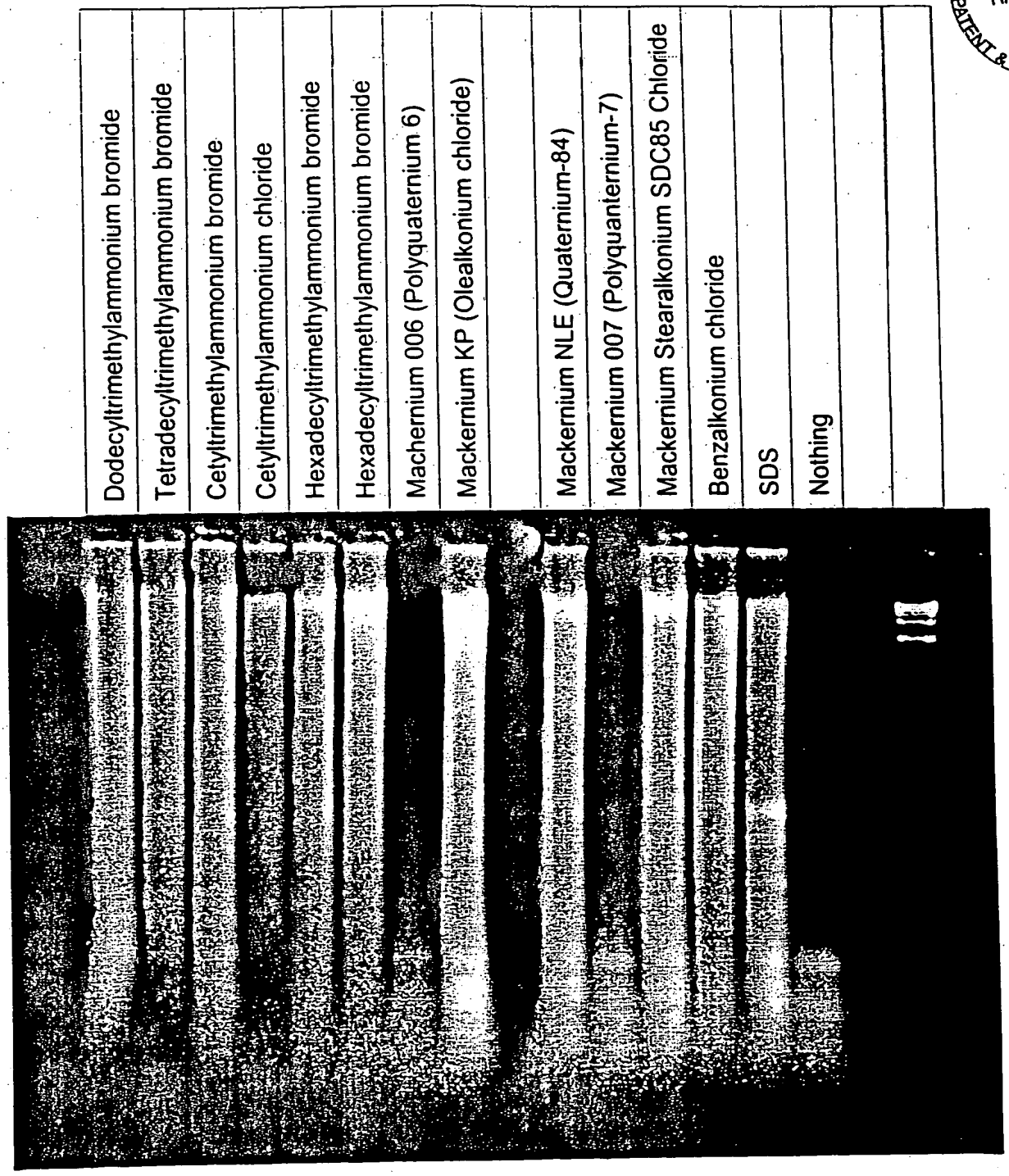


Figure 12

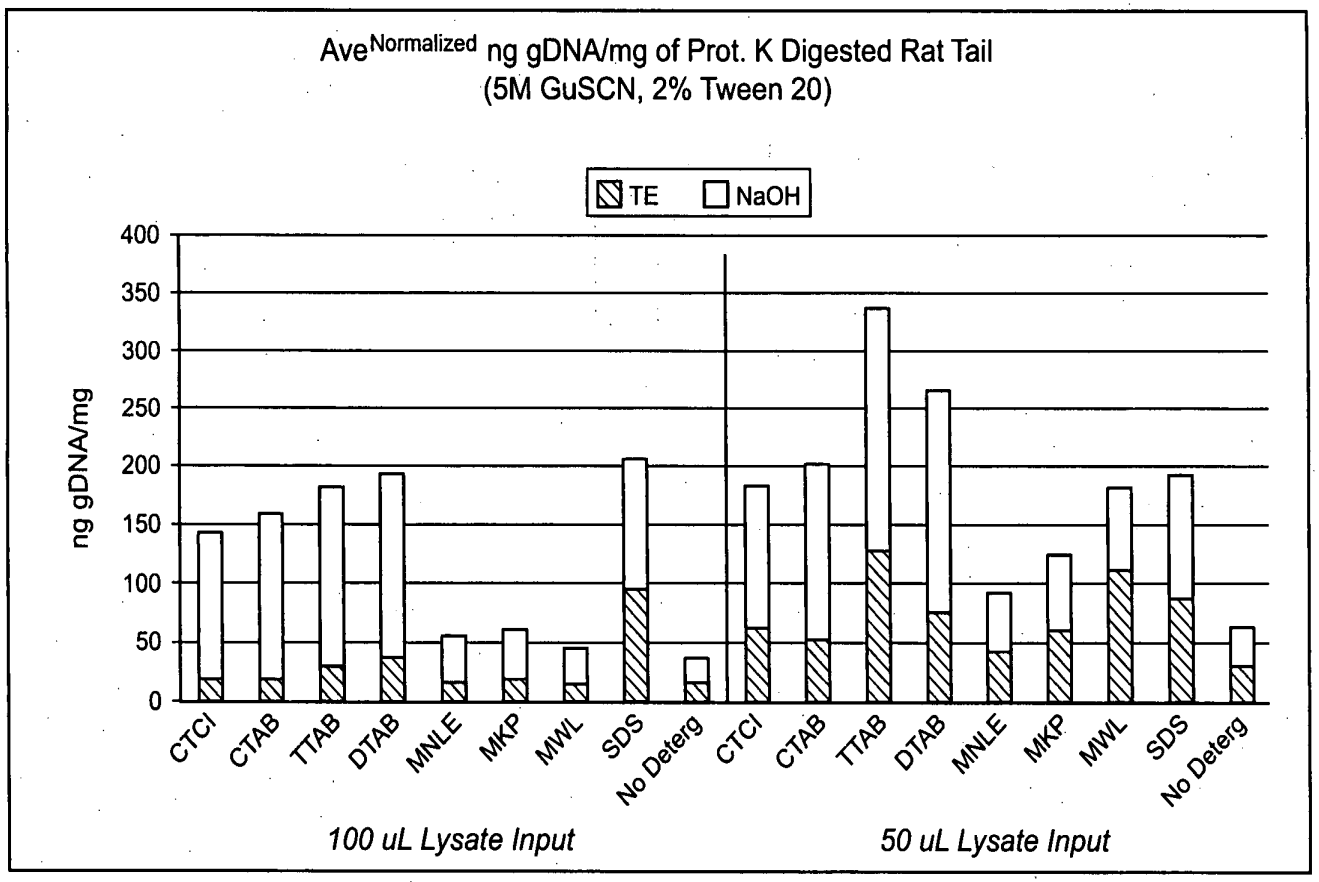
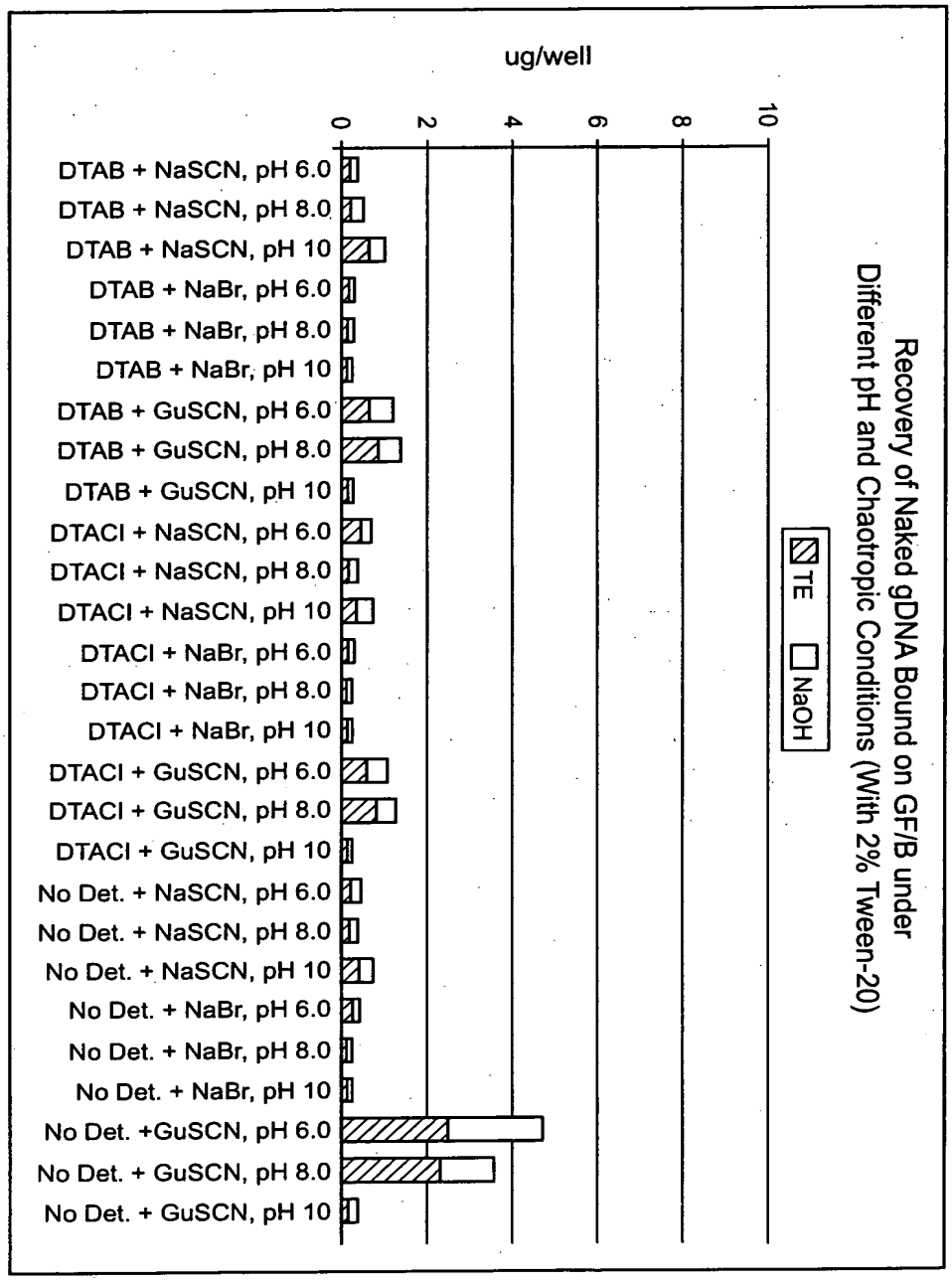


Figure 13



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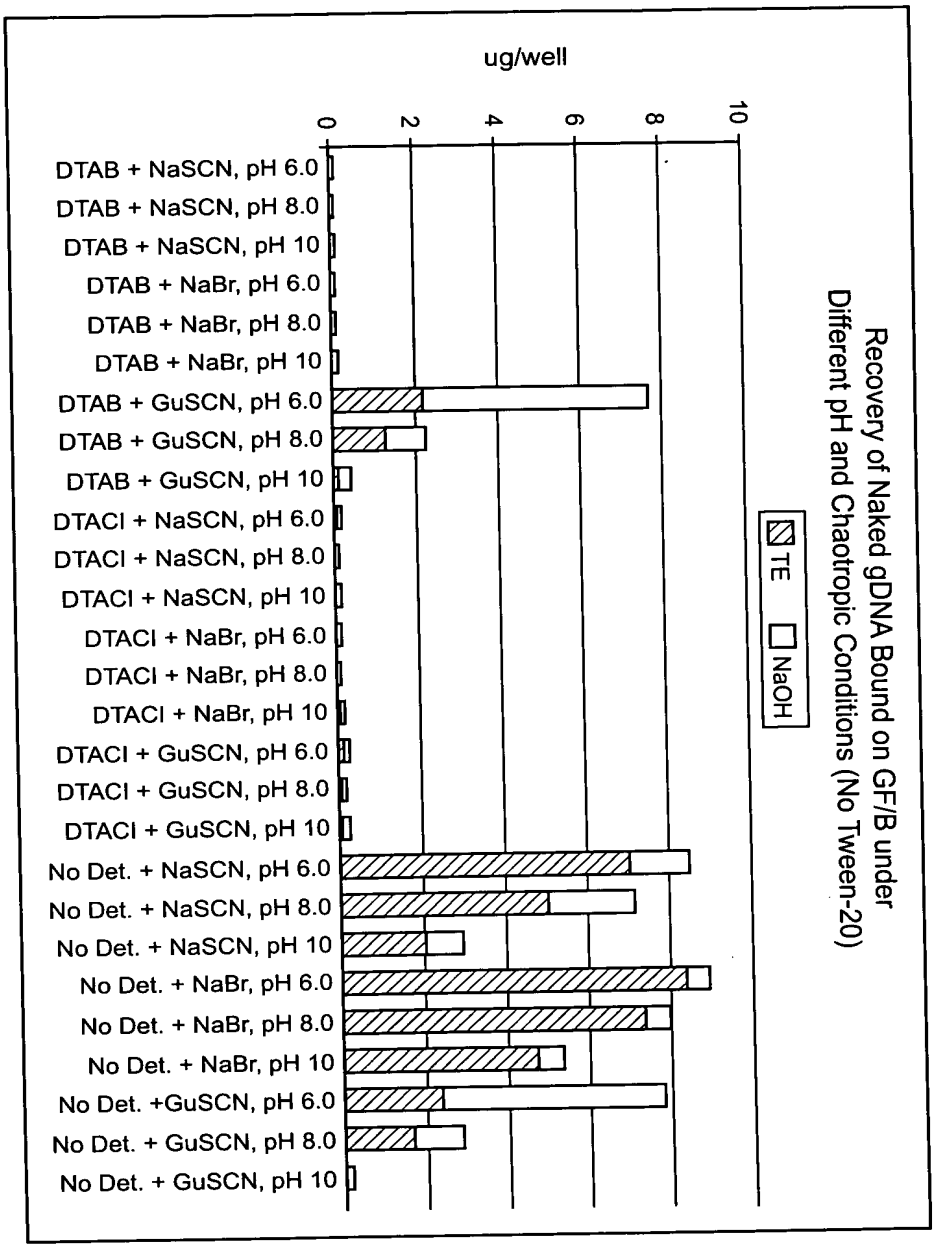
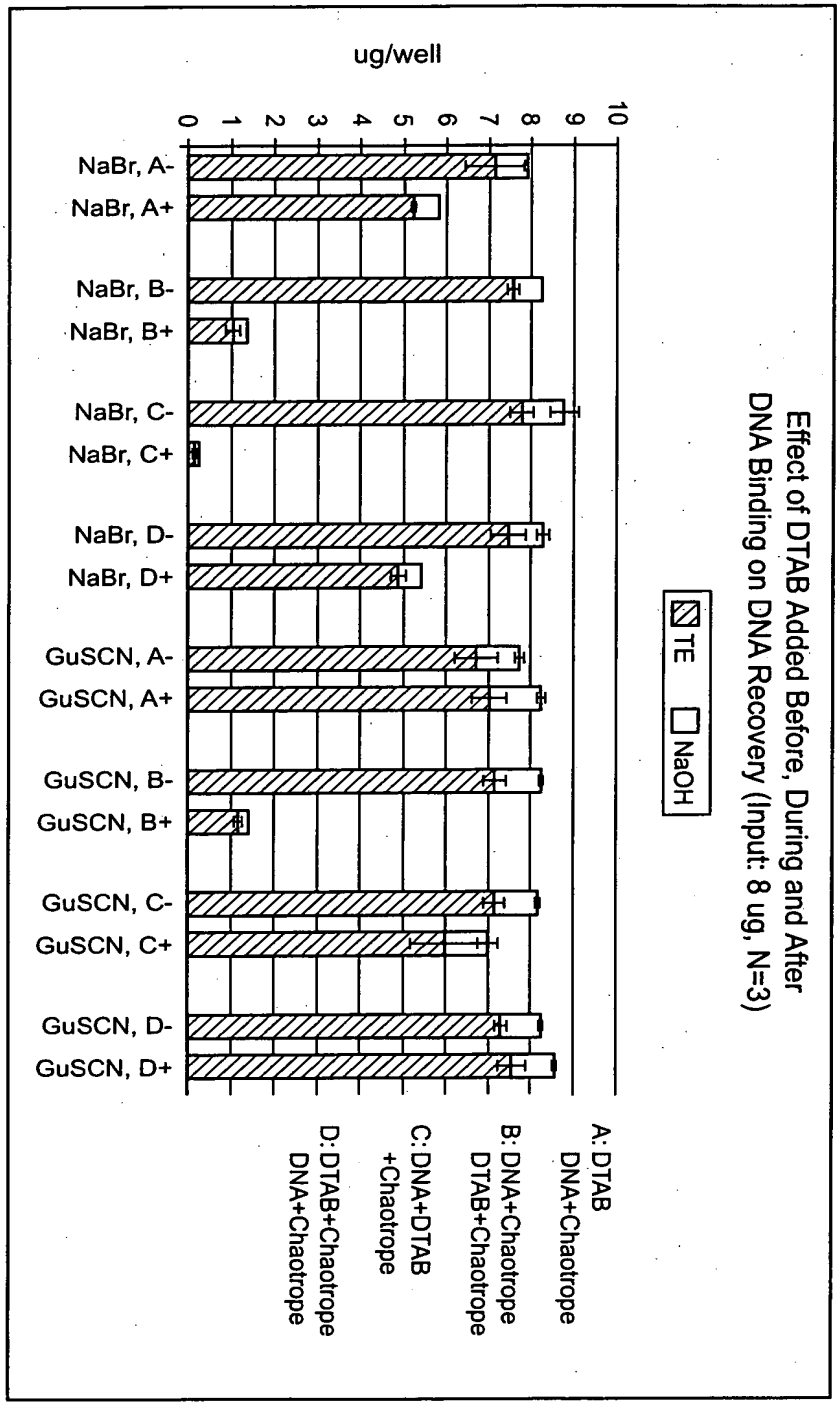


Figure 15



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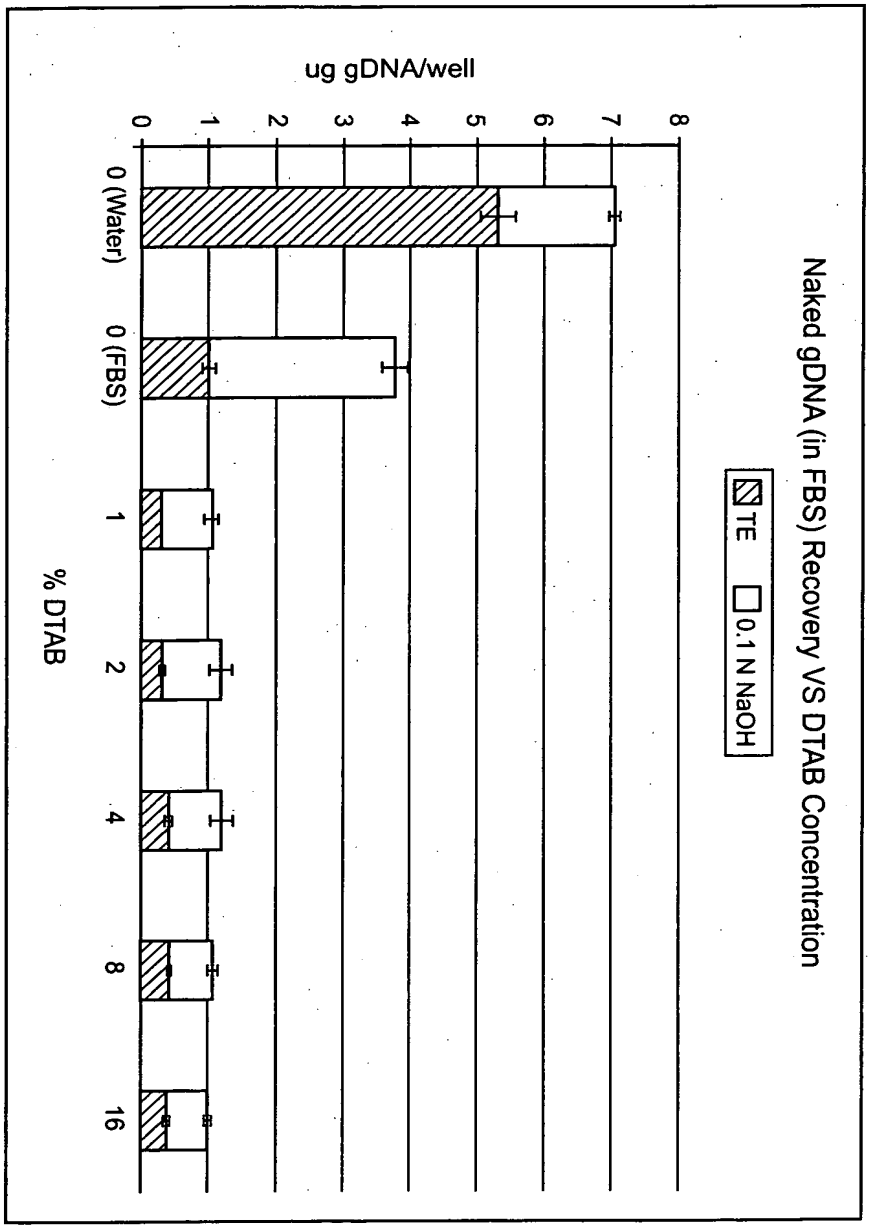

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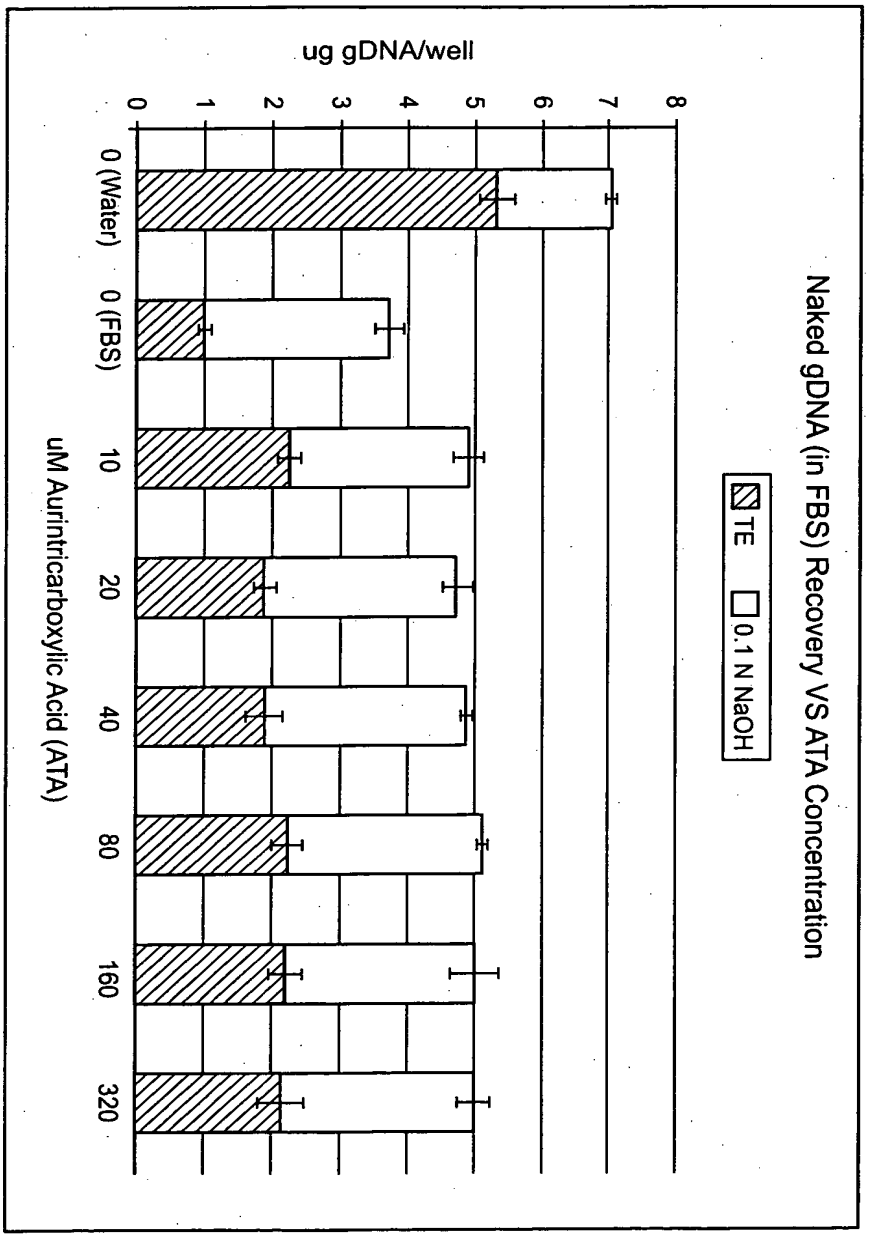
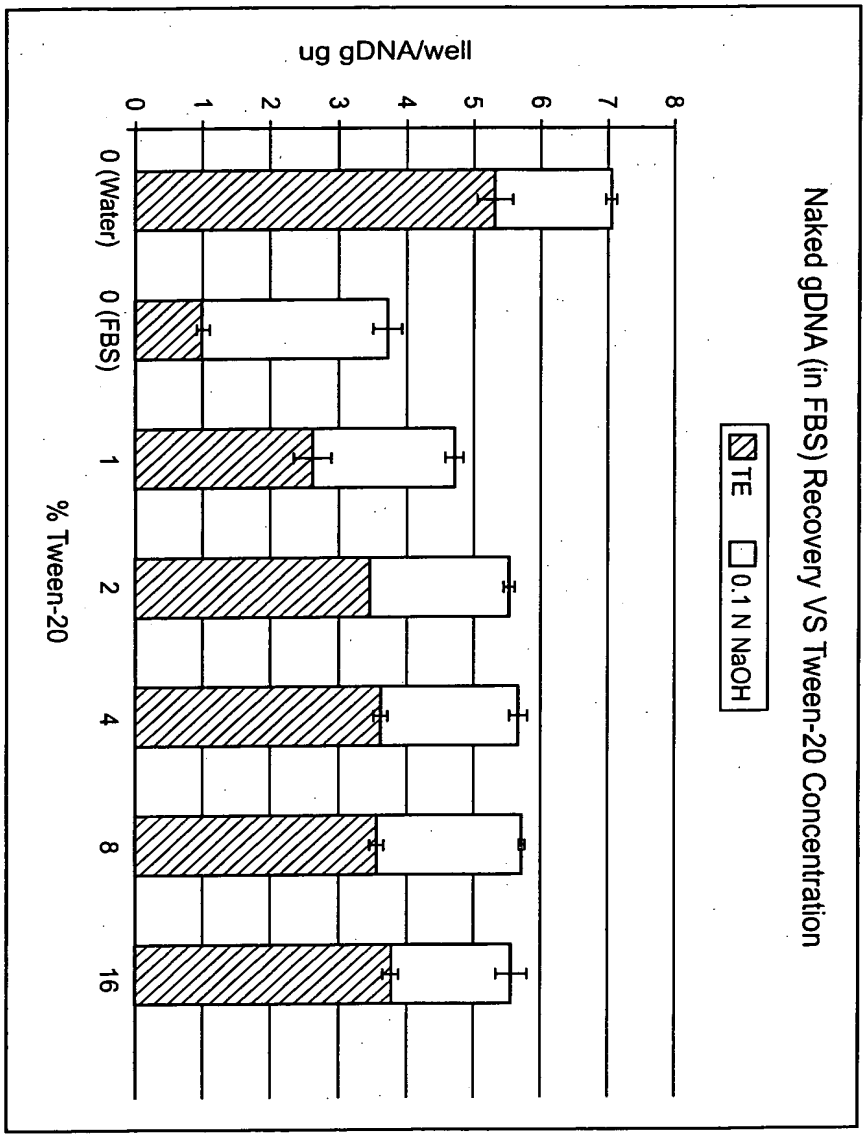


Figure 18



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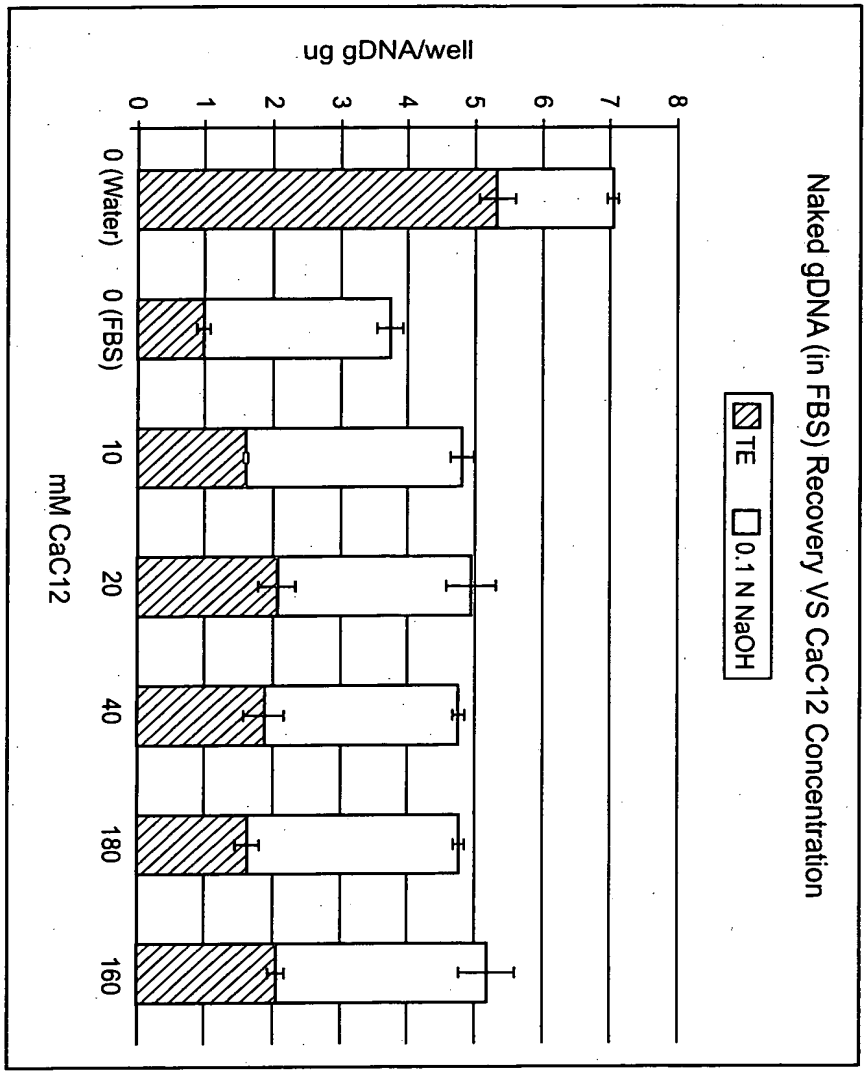

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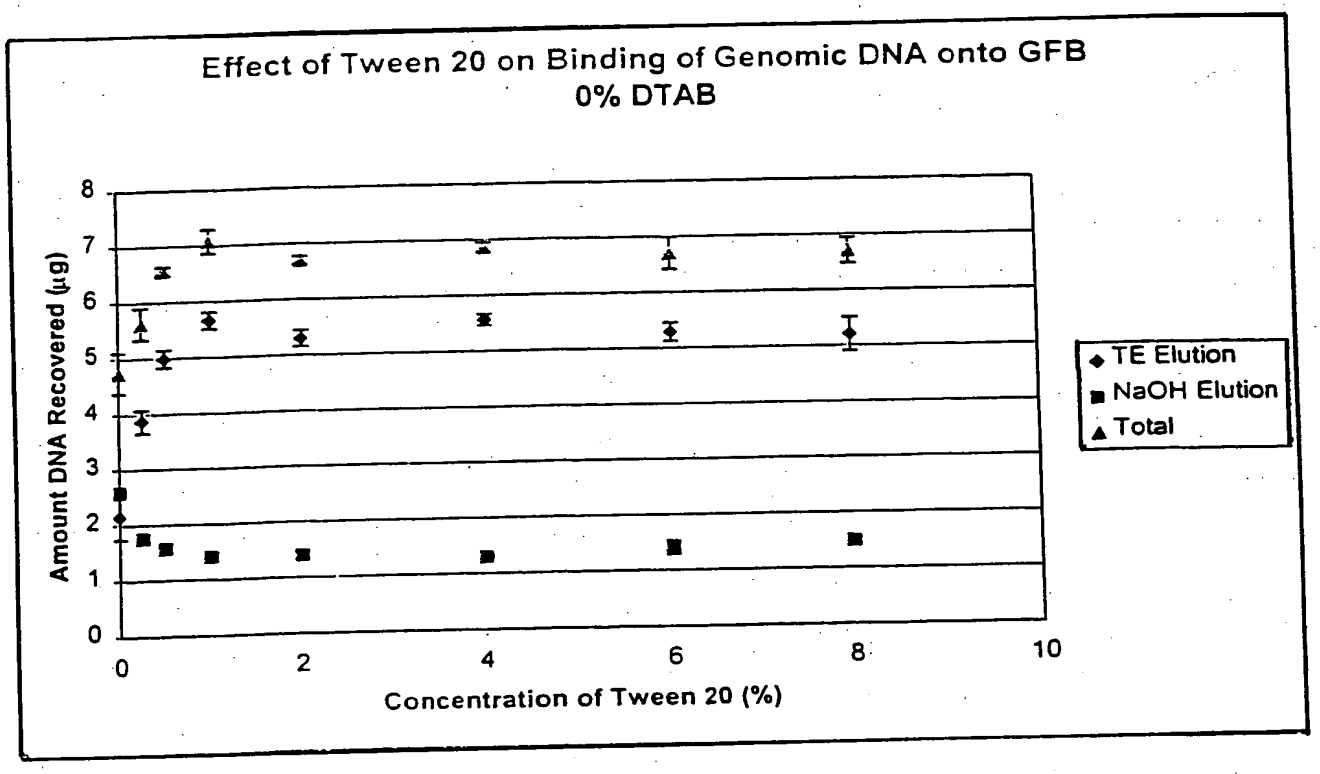

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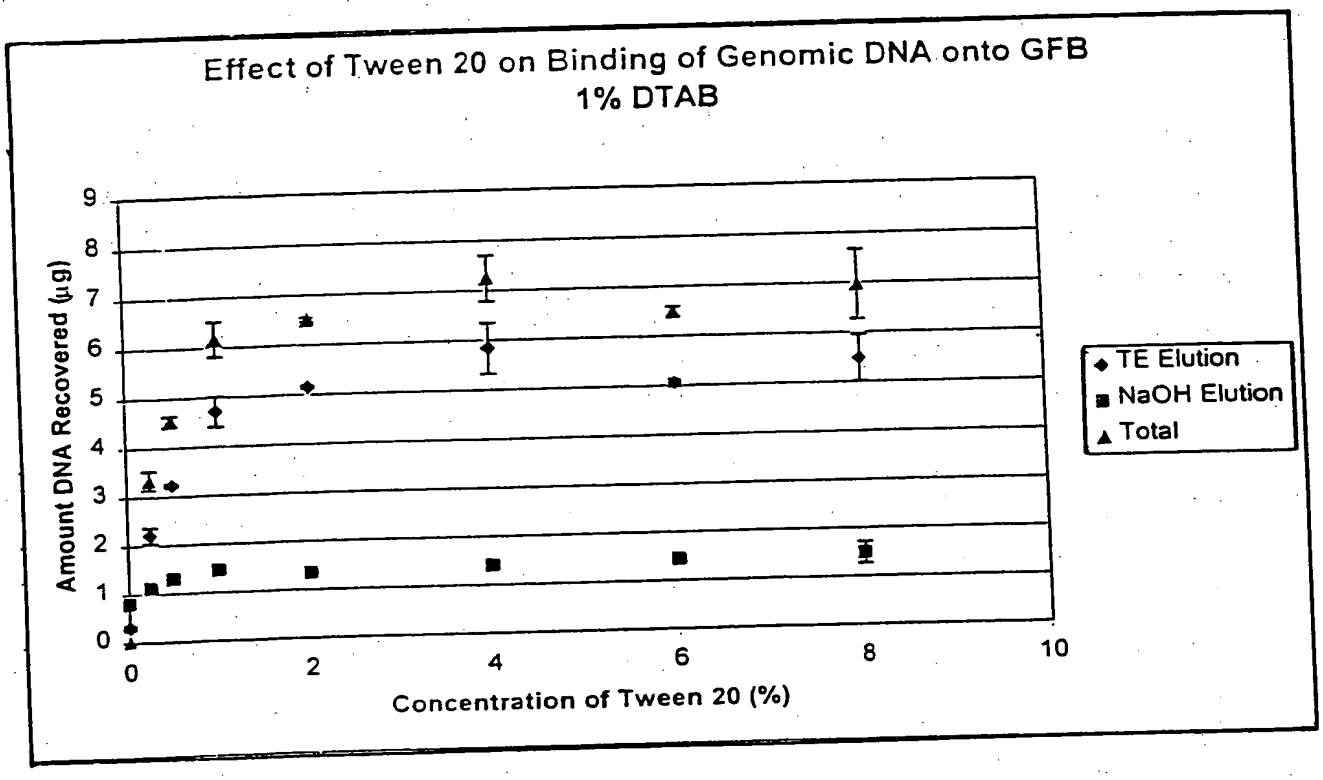

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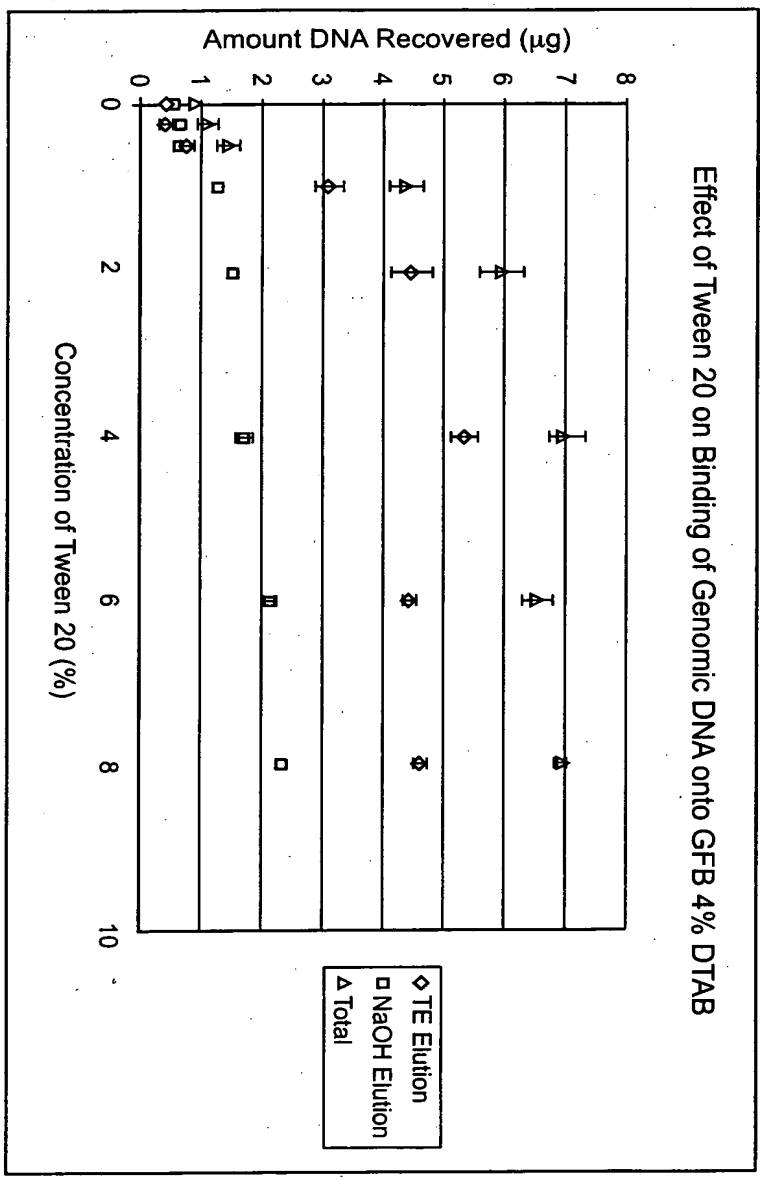


Figure 23

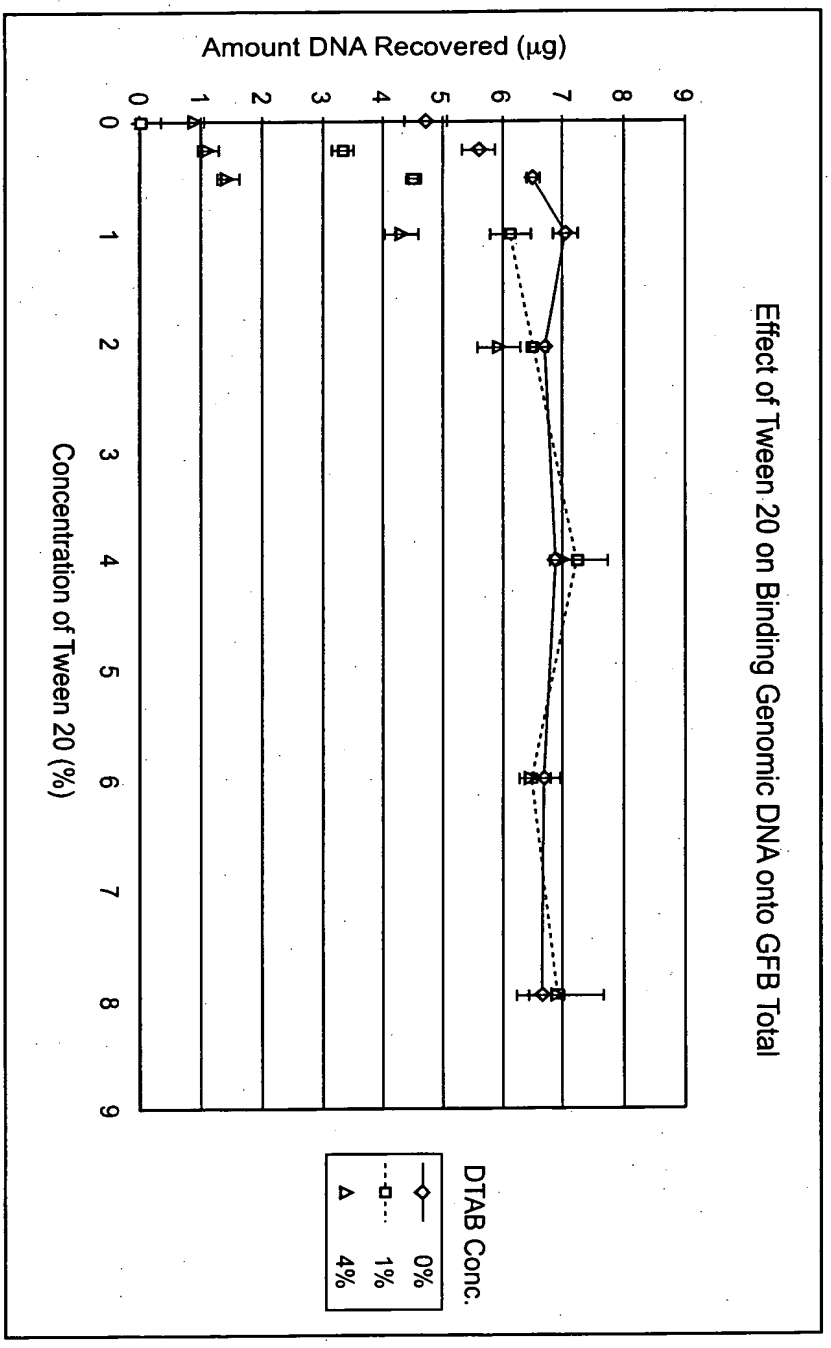
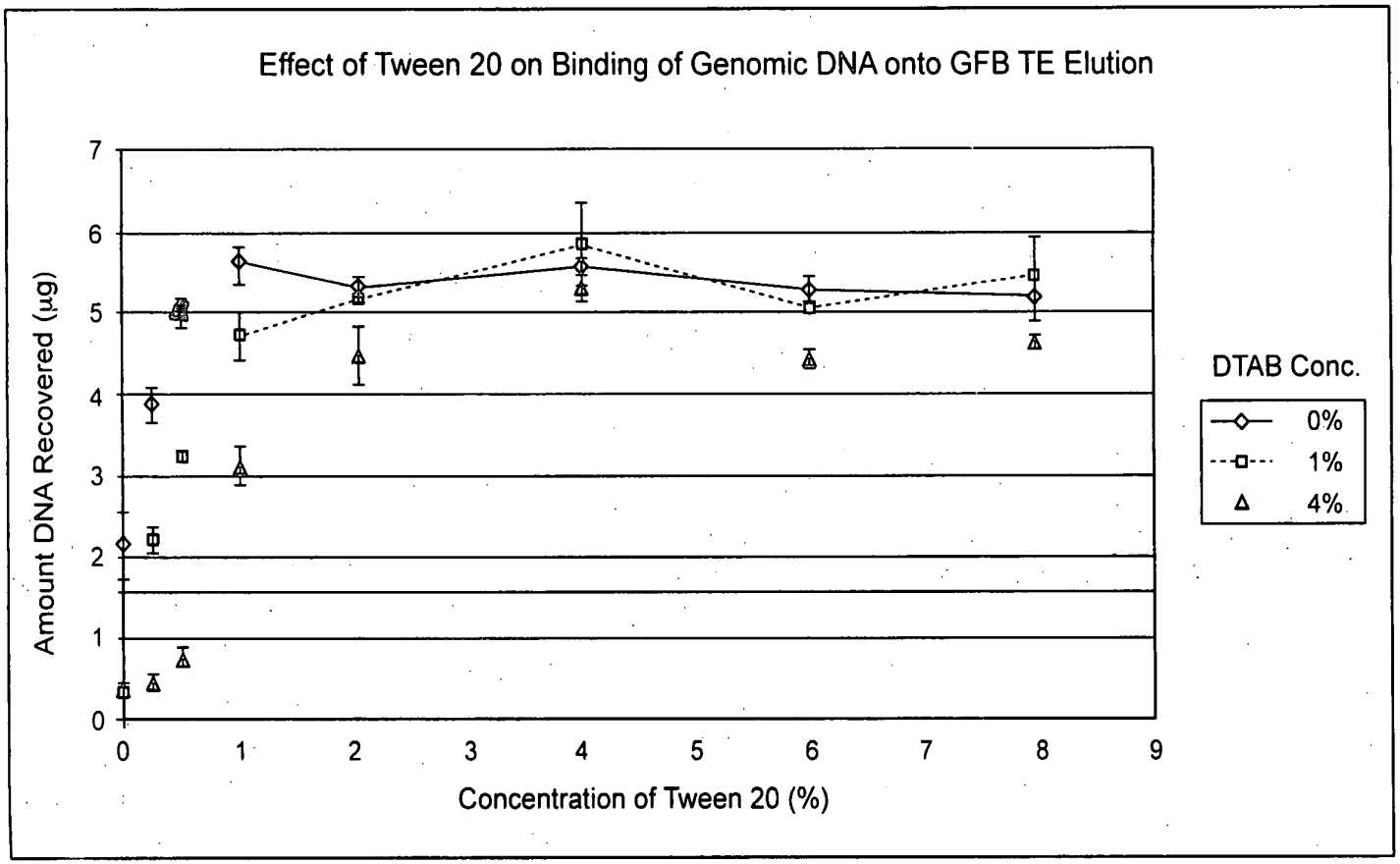


Figure 24



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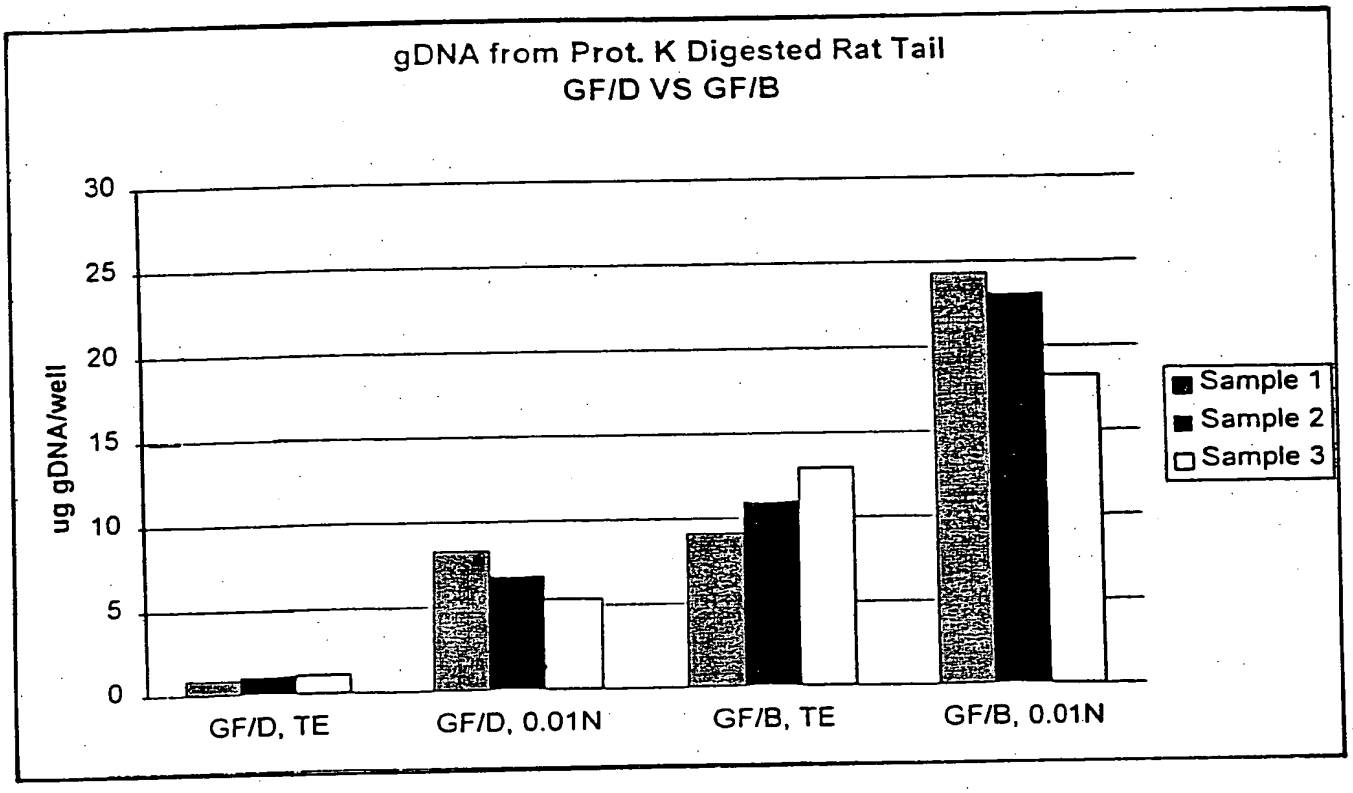


Figure 26

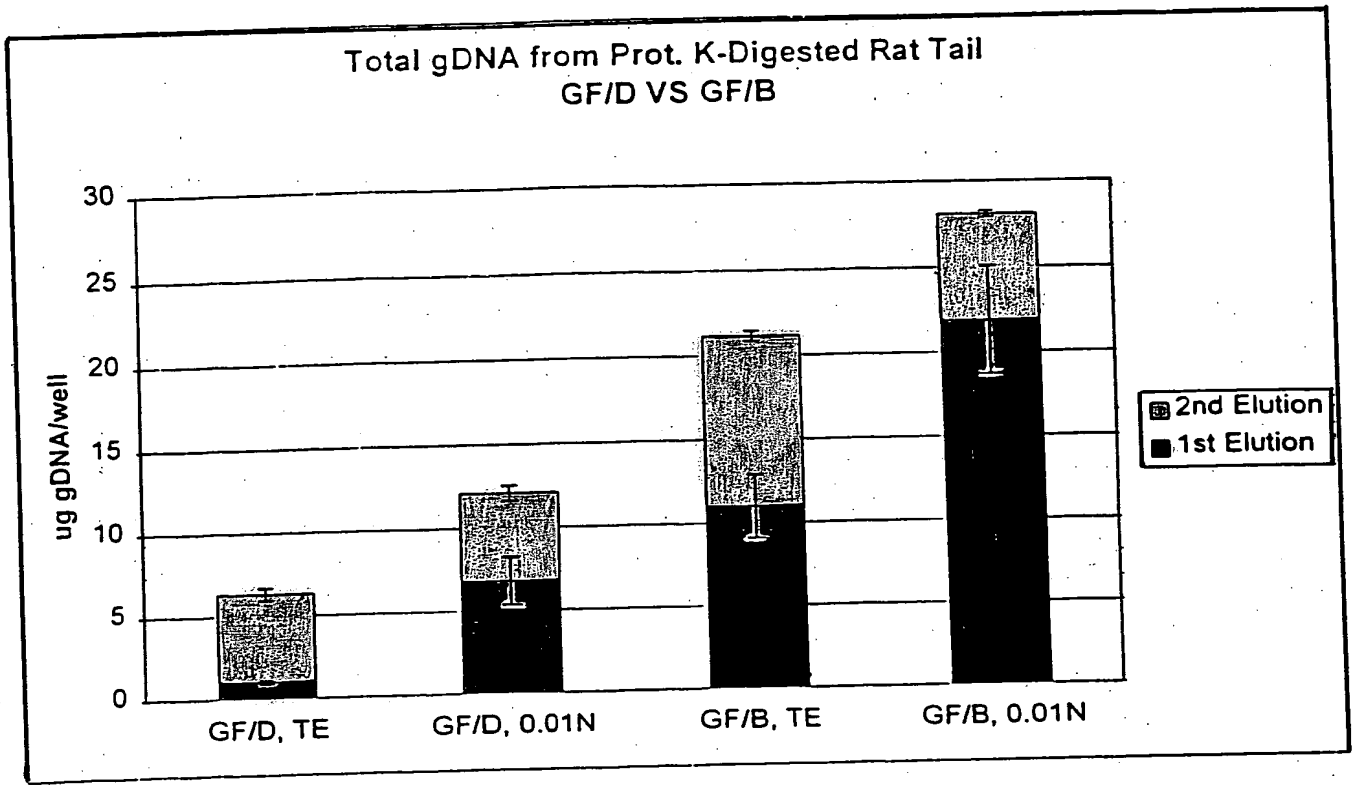
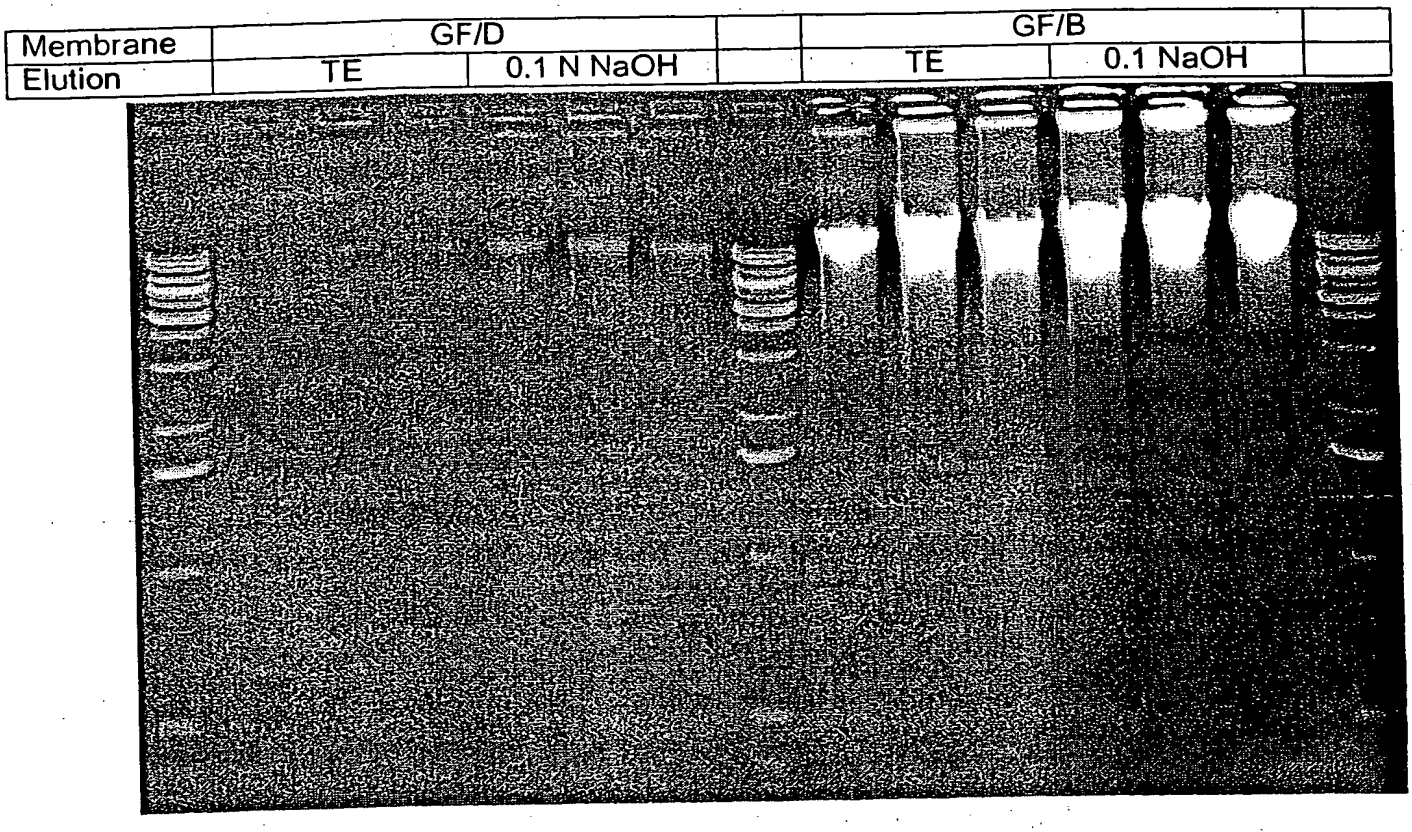


Figure 27



Genomic DNA from 50 mg rat tail sections digested with 1 mg of Prot. K & 1% DTAB and bound onto GF/B and GF/D membranes under 3.75 M GuSCN and 4.5 % Tween 20. The gDNA was finally eluted with of 150 mL of 1X TE and 0.01 N NaOH solutions and 20 mL was used for gel electrophoresis (1 % agarose).

Figure 28

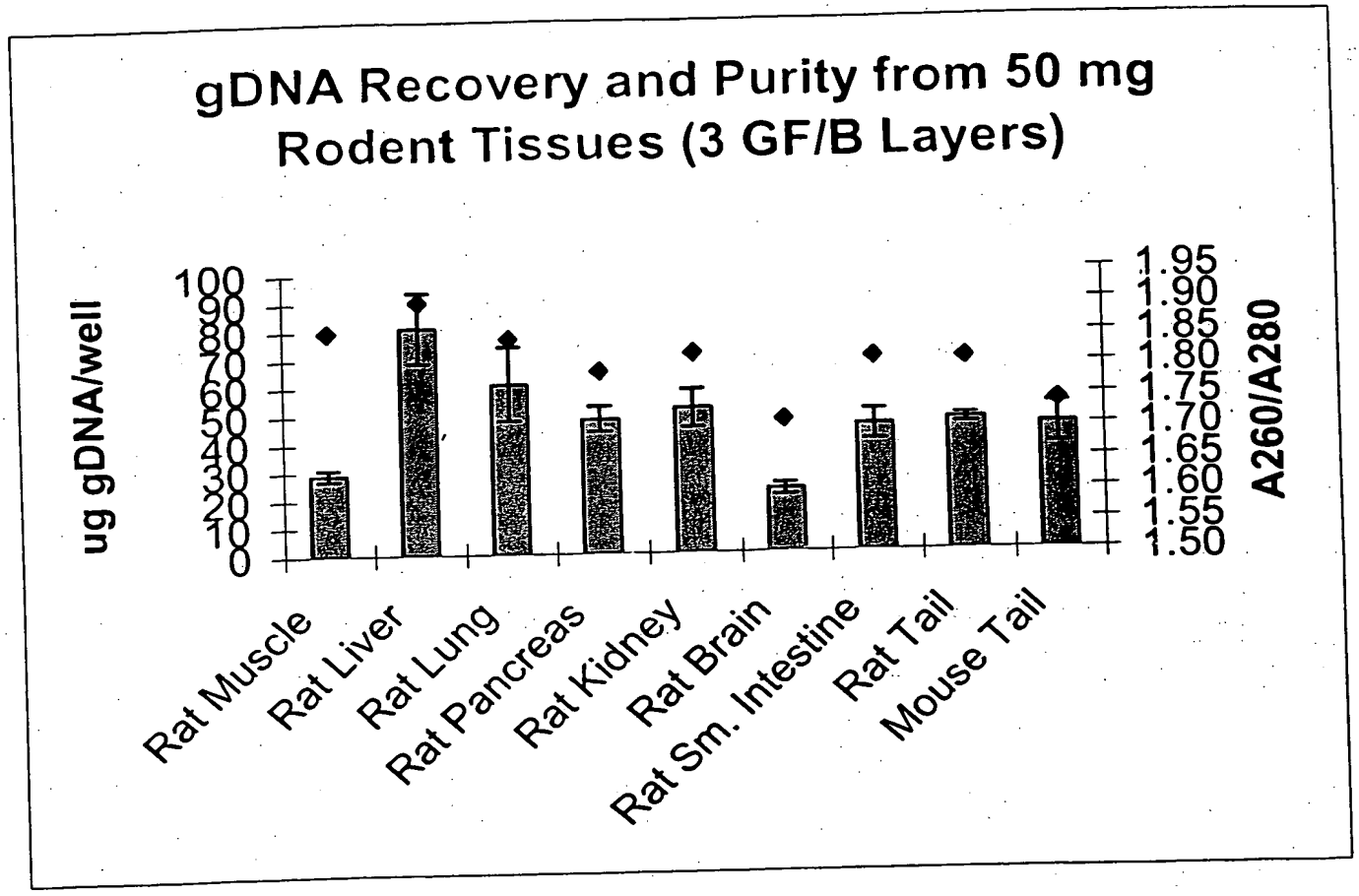
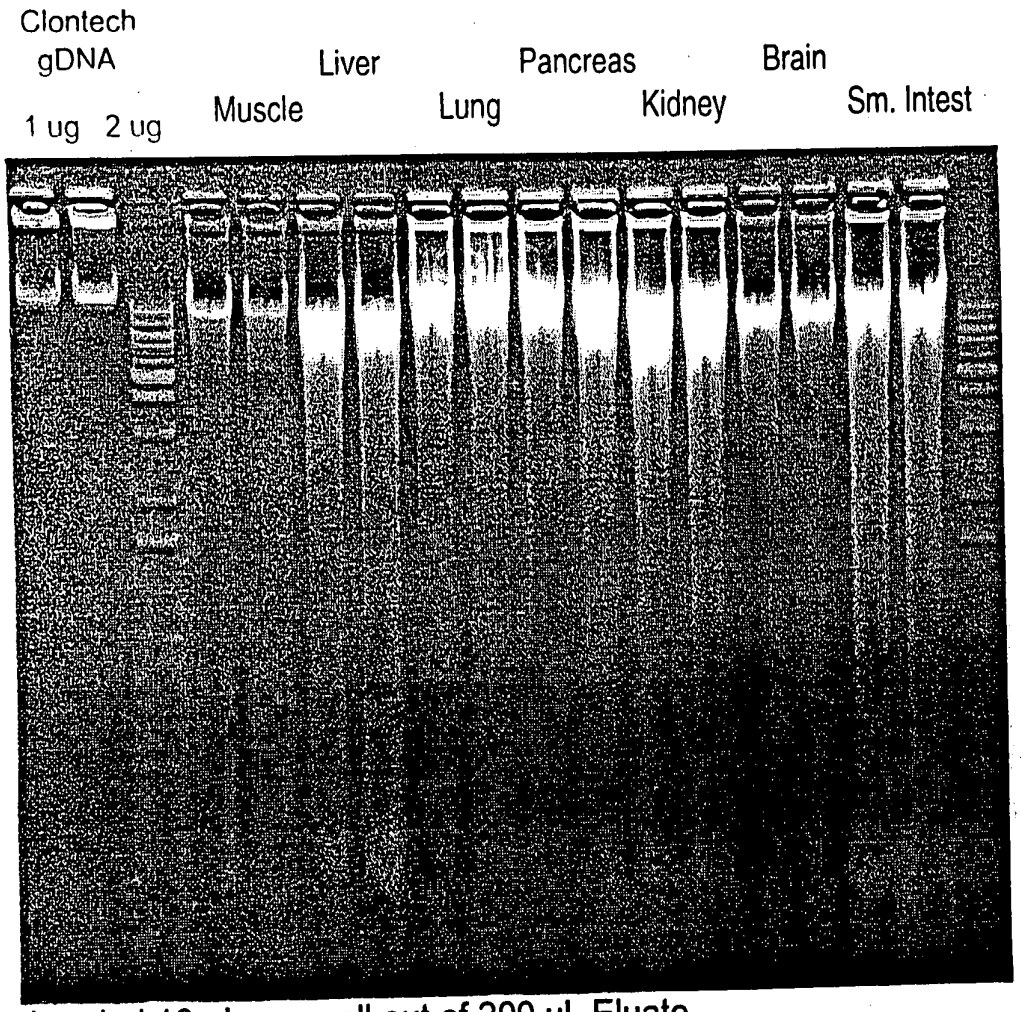


Figure 29

gDNA from 50 mg Rat Tissues



Loaded 10 uL per well out of 200 uL Eluate

gDNA fr. 50 mg Rodent Tails

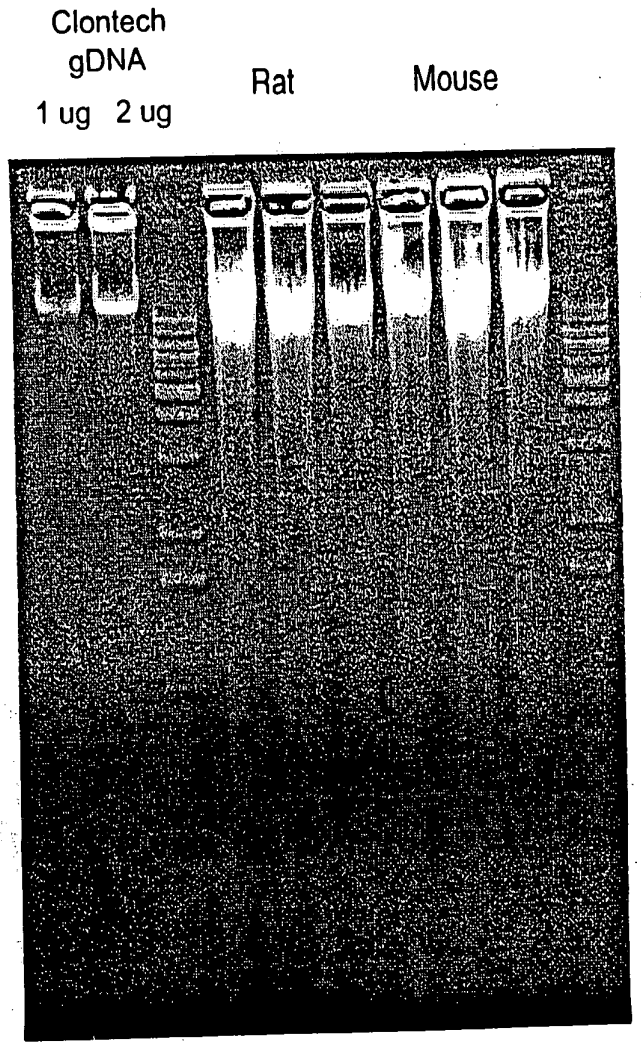


Figure 30